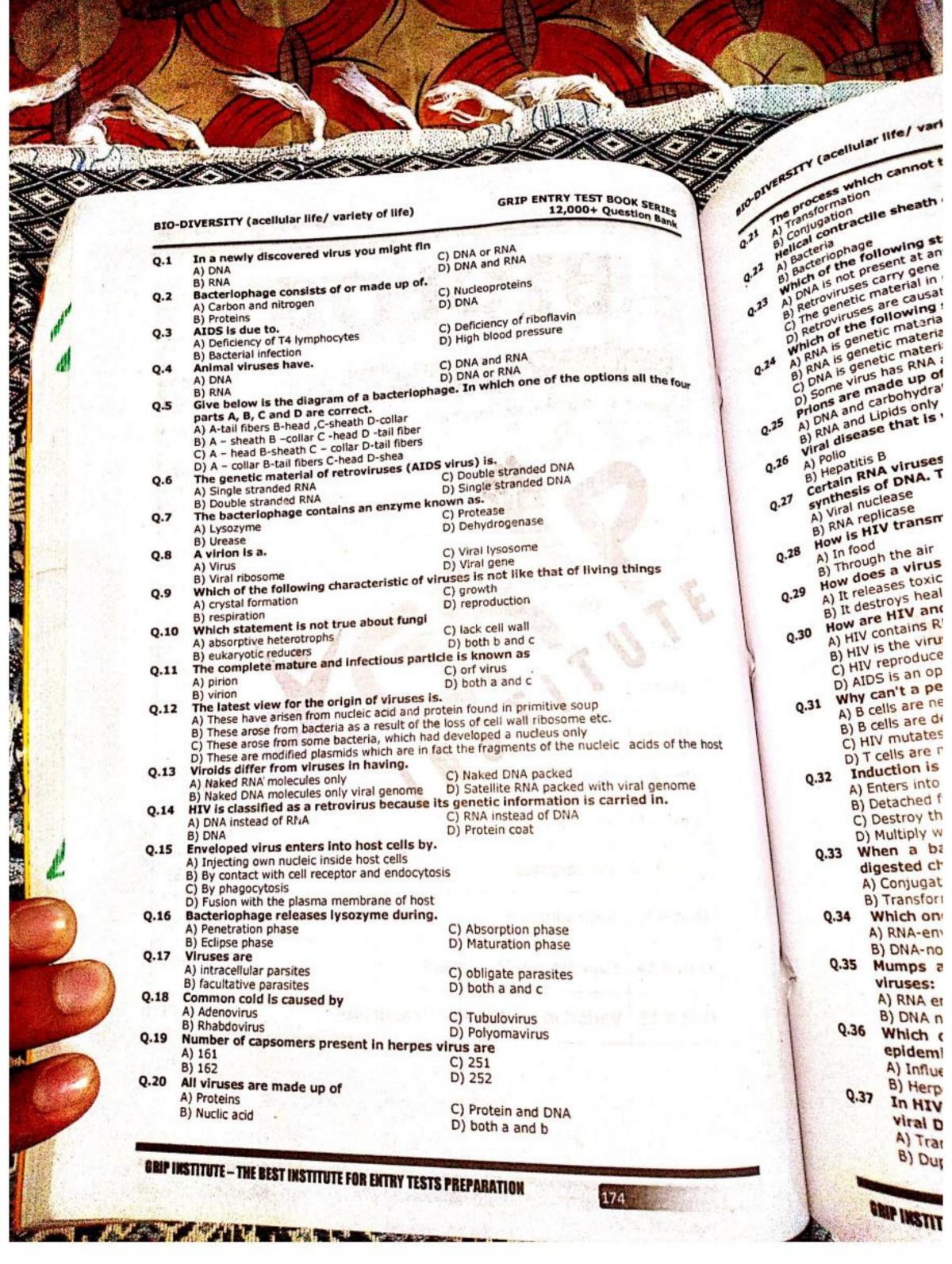
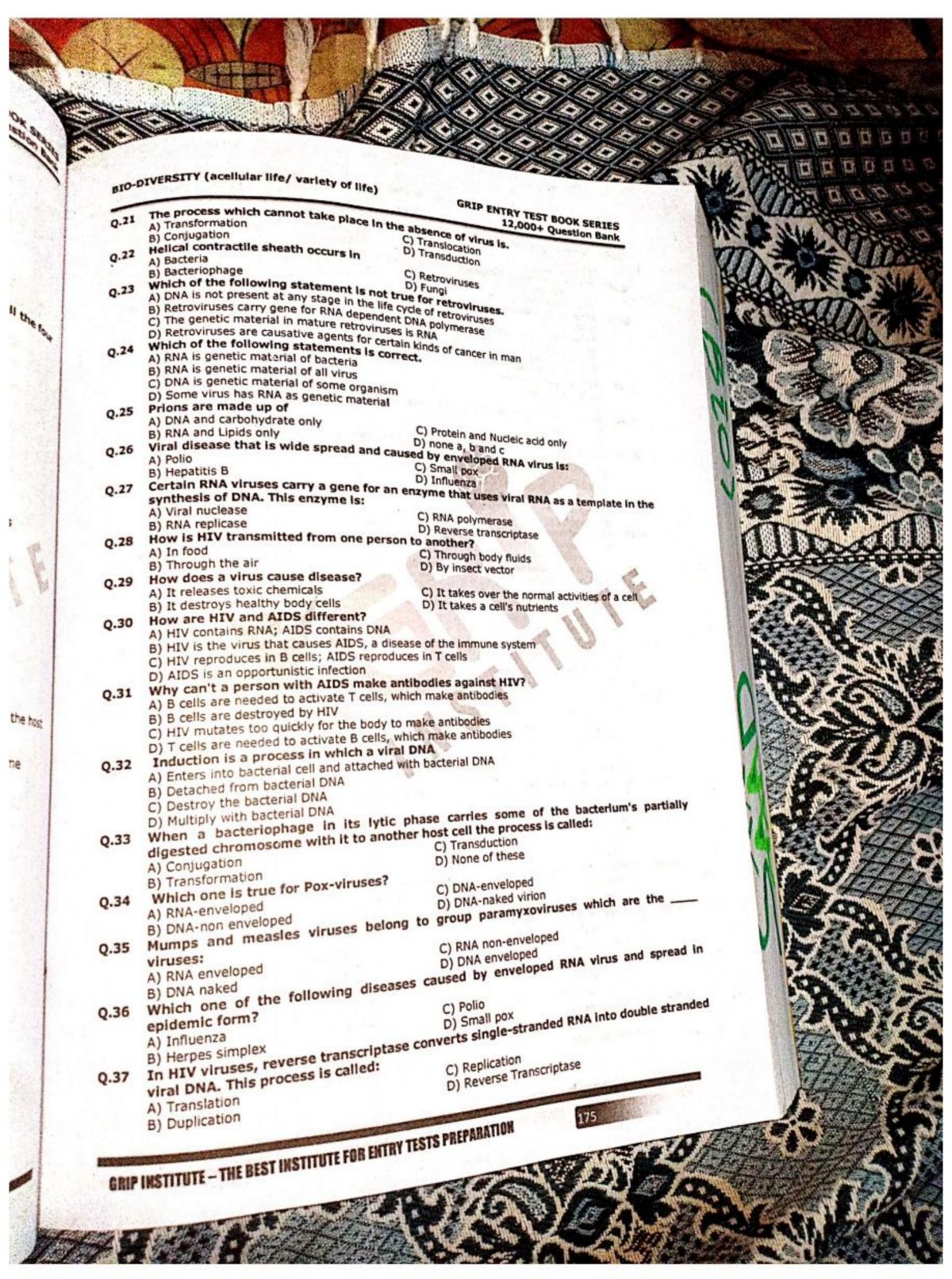


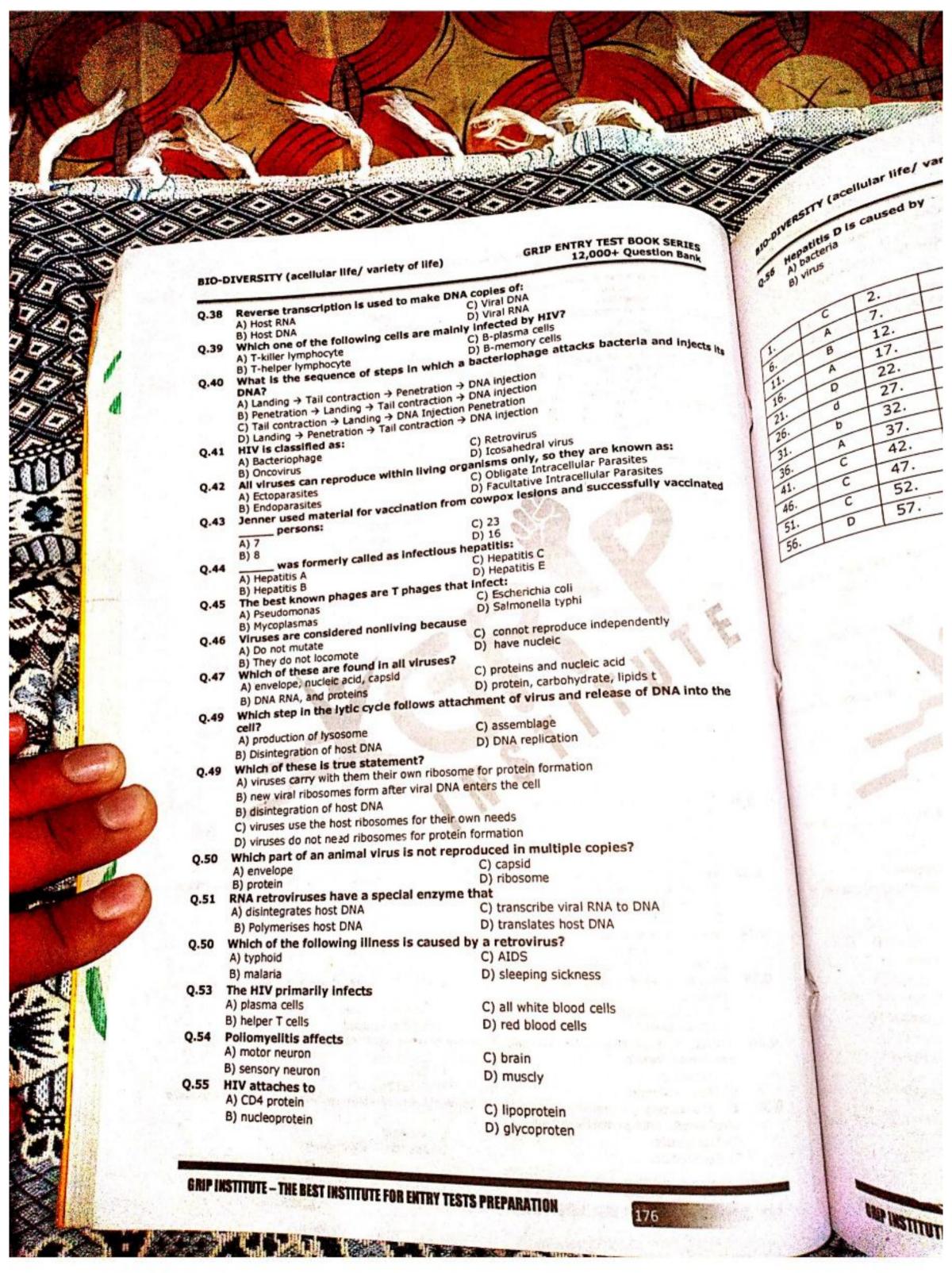
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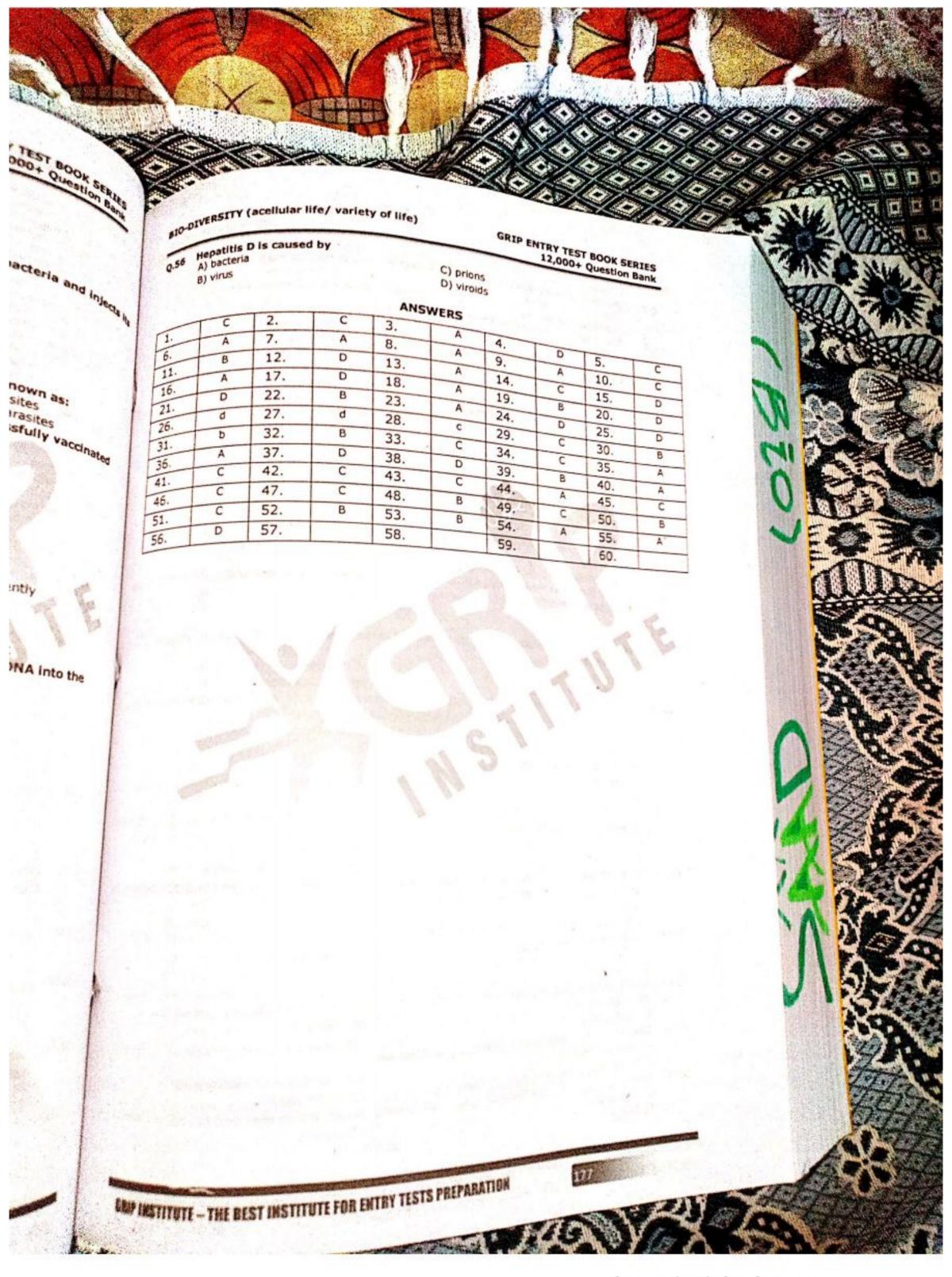
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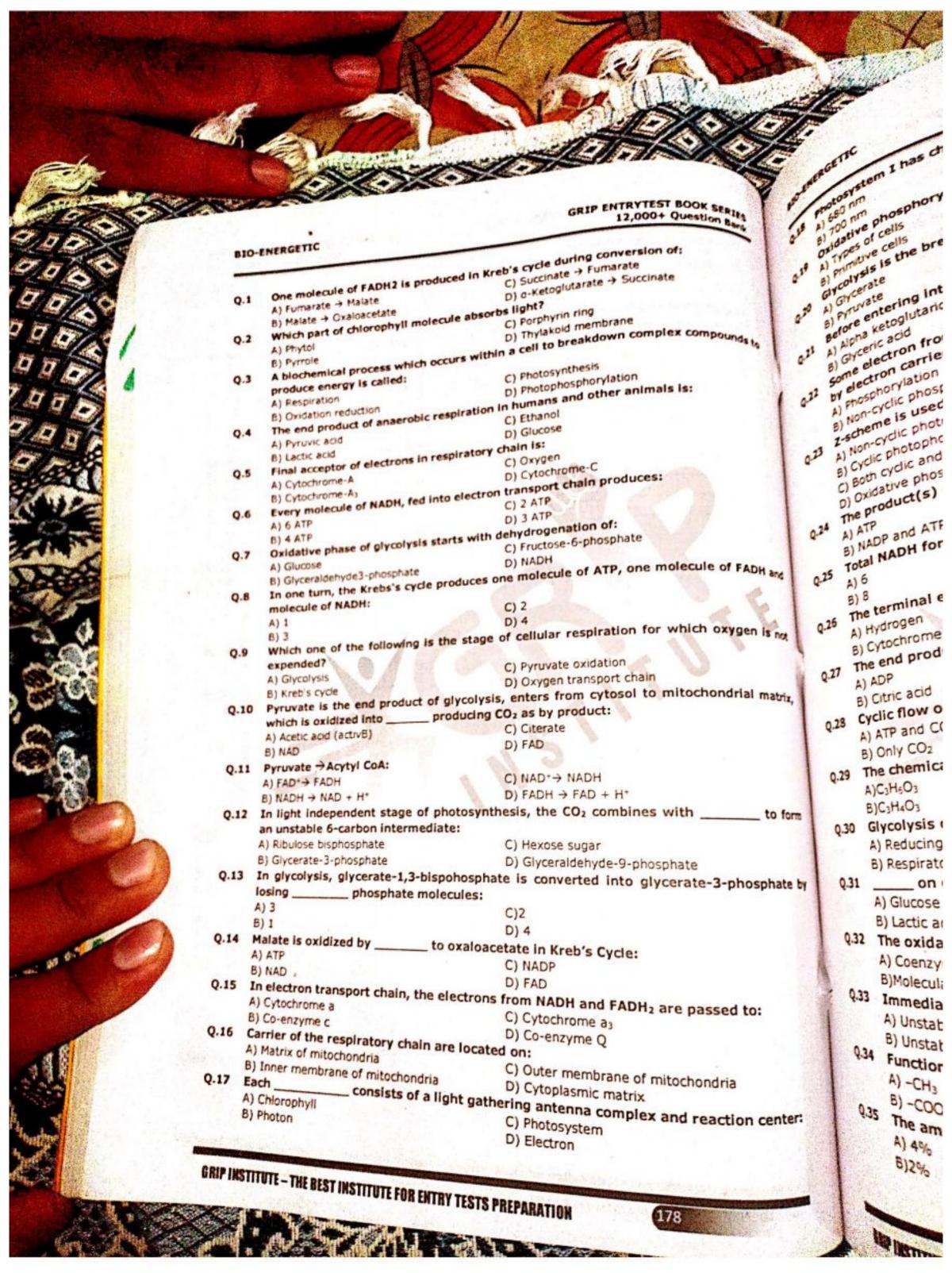
Units	Topics		
Unit # 1		Page No.	
Unit # 2	Bio Energetic	174 - 177	
Unit # 3	Biological Molecules / Enzymes	178 – 187	
Unit # 4	Val. da. str.	188 – 200	
Unit # 5	ASSET 127	201 – 211	
Unit # 6	CONTRACTOR OF THE PARTY OF THE	212 - 221	
	, and gammais	222 – 224	
Unit #7	Evolution	225 – 227	
Unit #8	Life Process in Animals and Plants	228 – 236	
Unit #9	Immunity	237	
Unit # 10	Digestive System	238 – 241	
Jnit # 11	Gas Exchange	242 – 252	
Init # 12	Prokaryotes	253 – 255	
nit # 13	Reproduction	256 – 263	
nit # 14	Support and Movement	263 – 26	
nit # 15	Variation and Genetic/Inheritance	270 – 27	

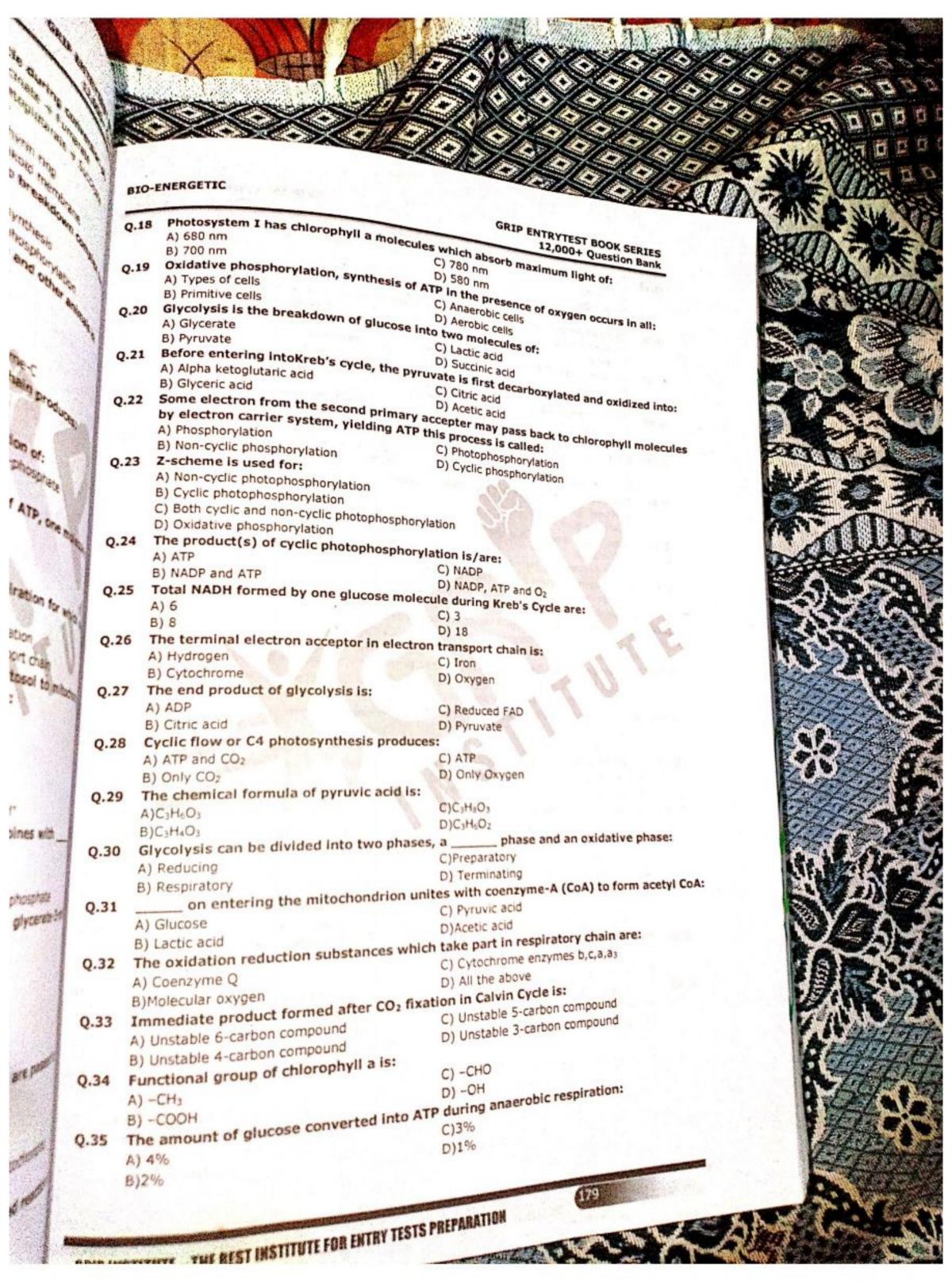


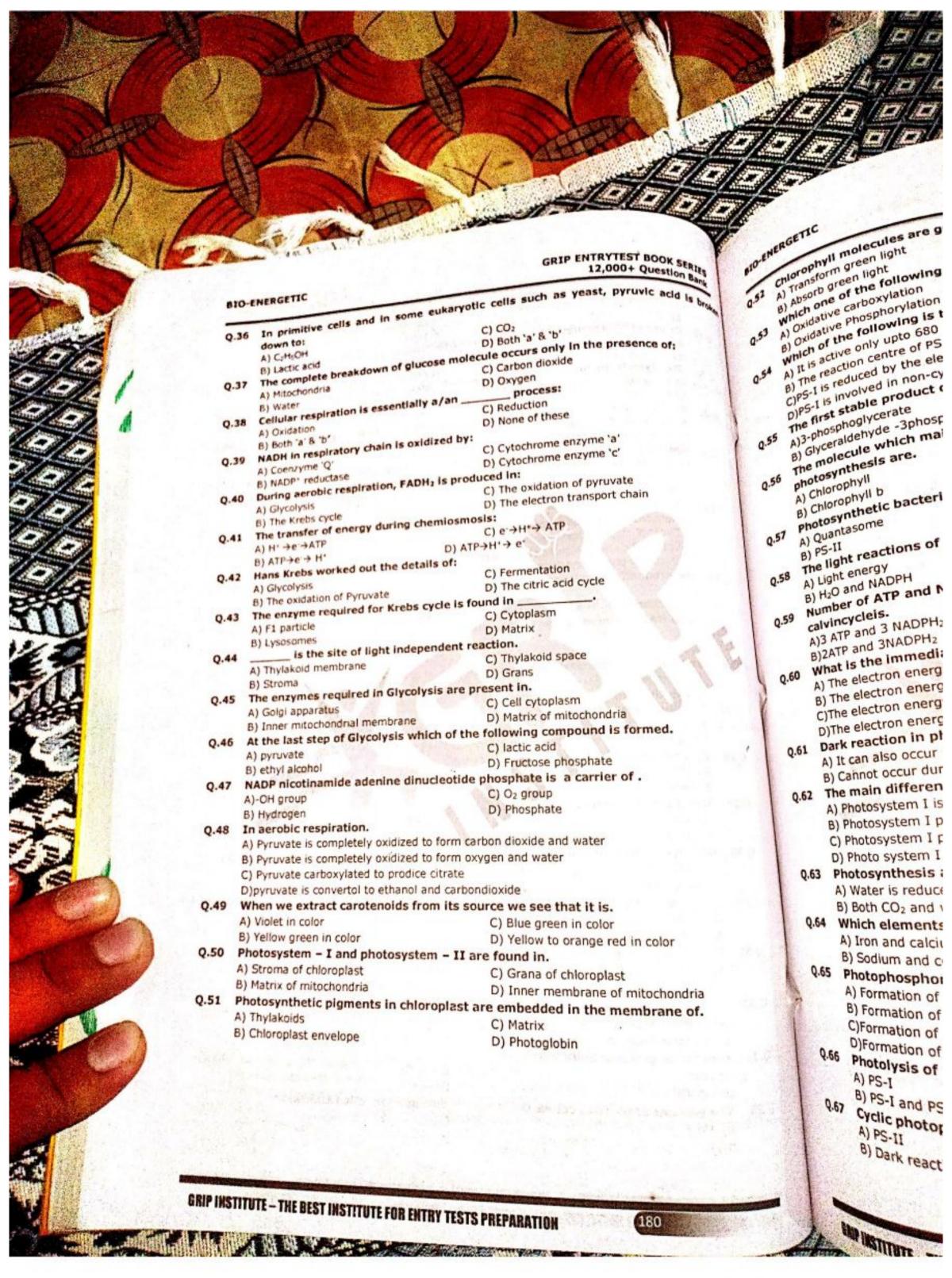


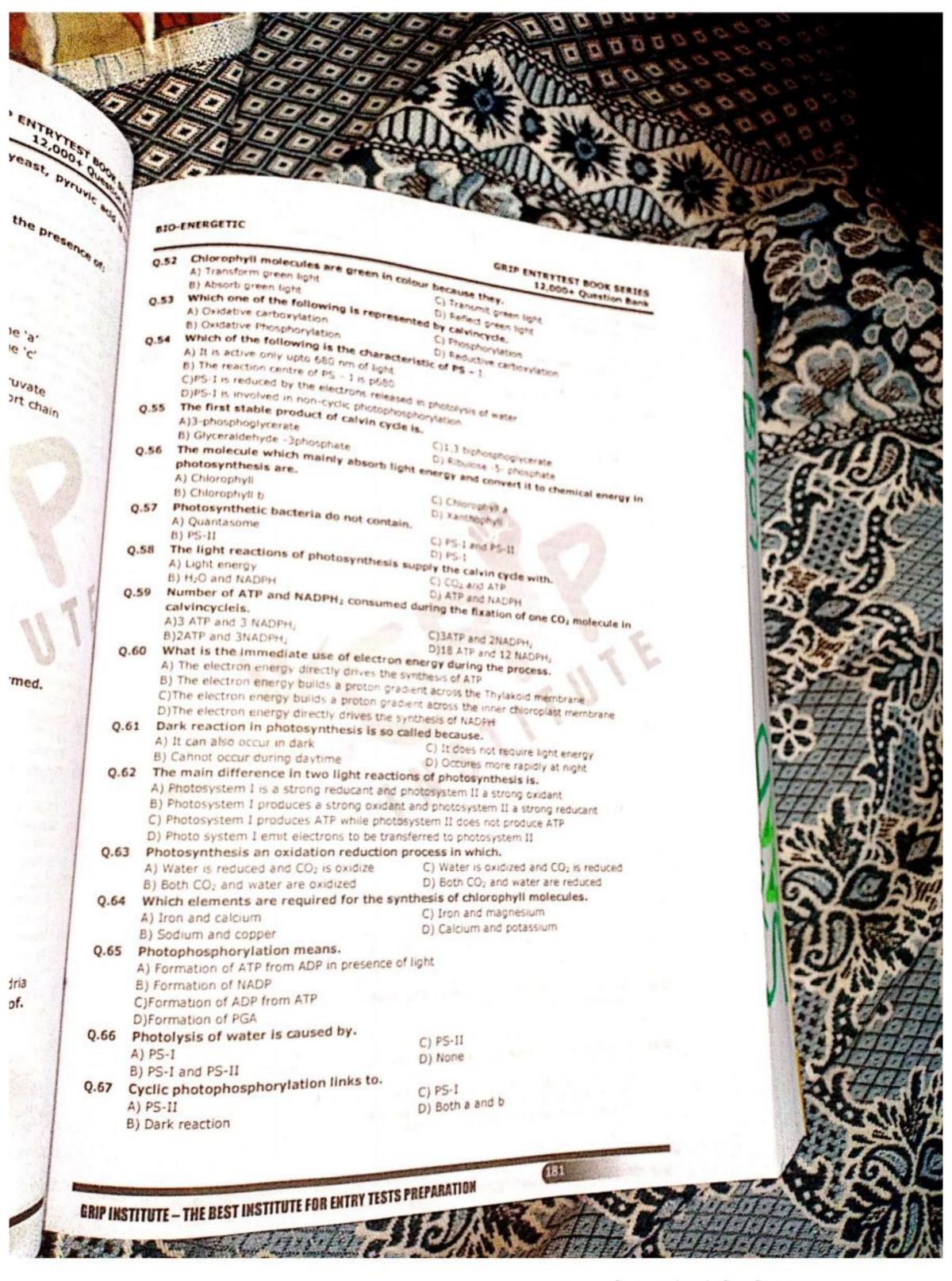


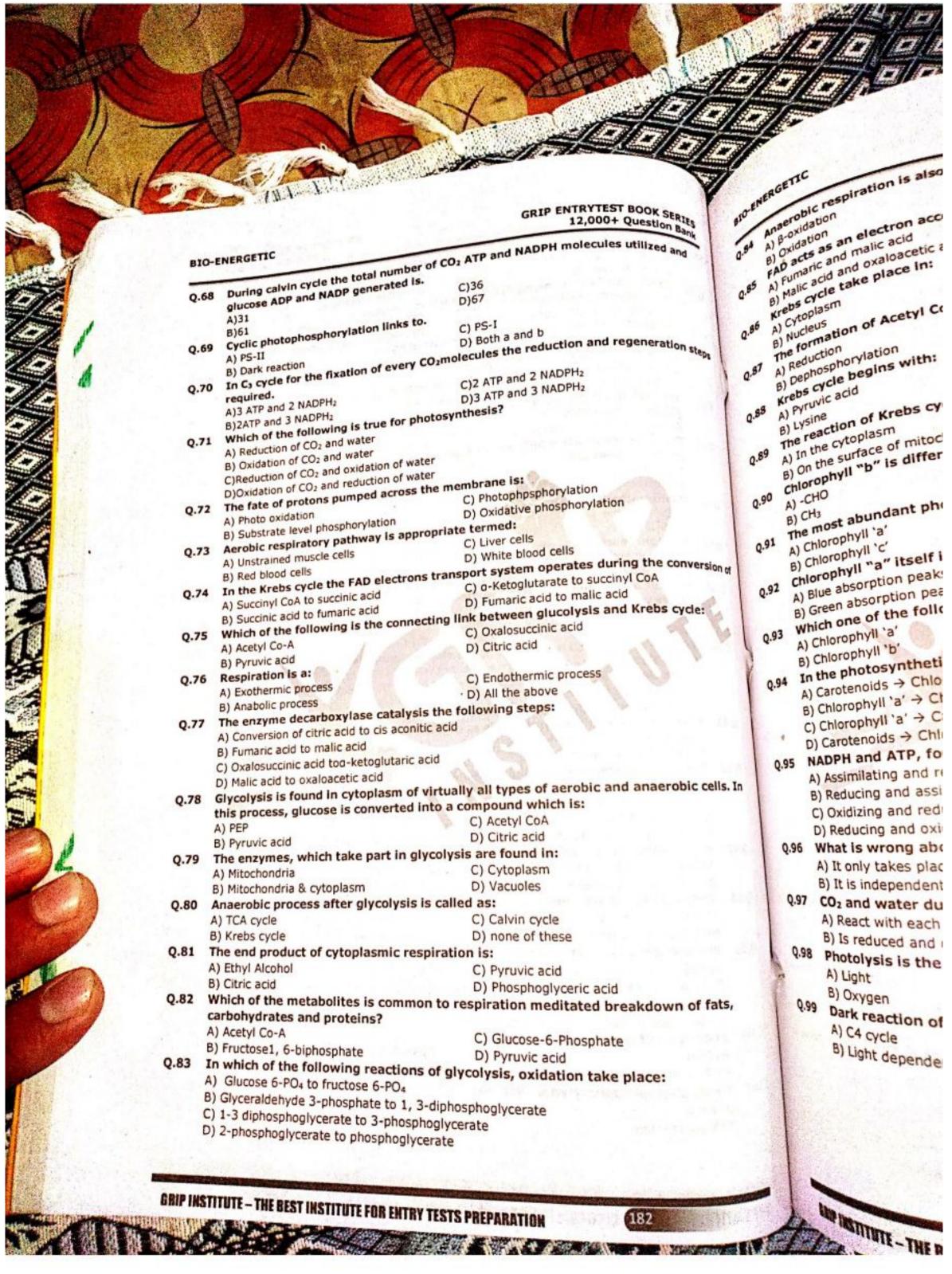


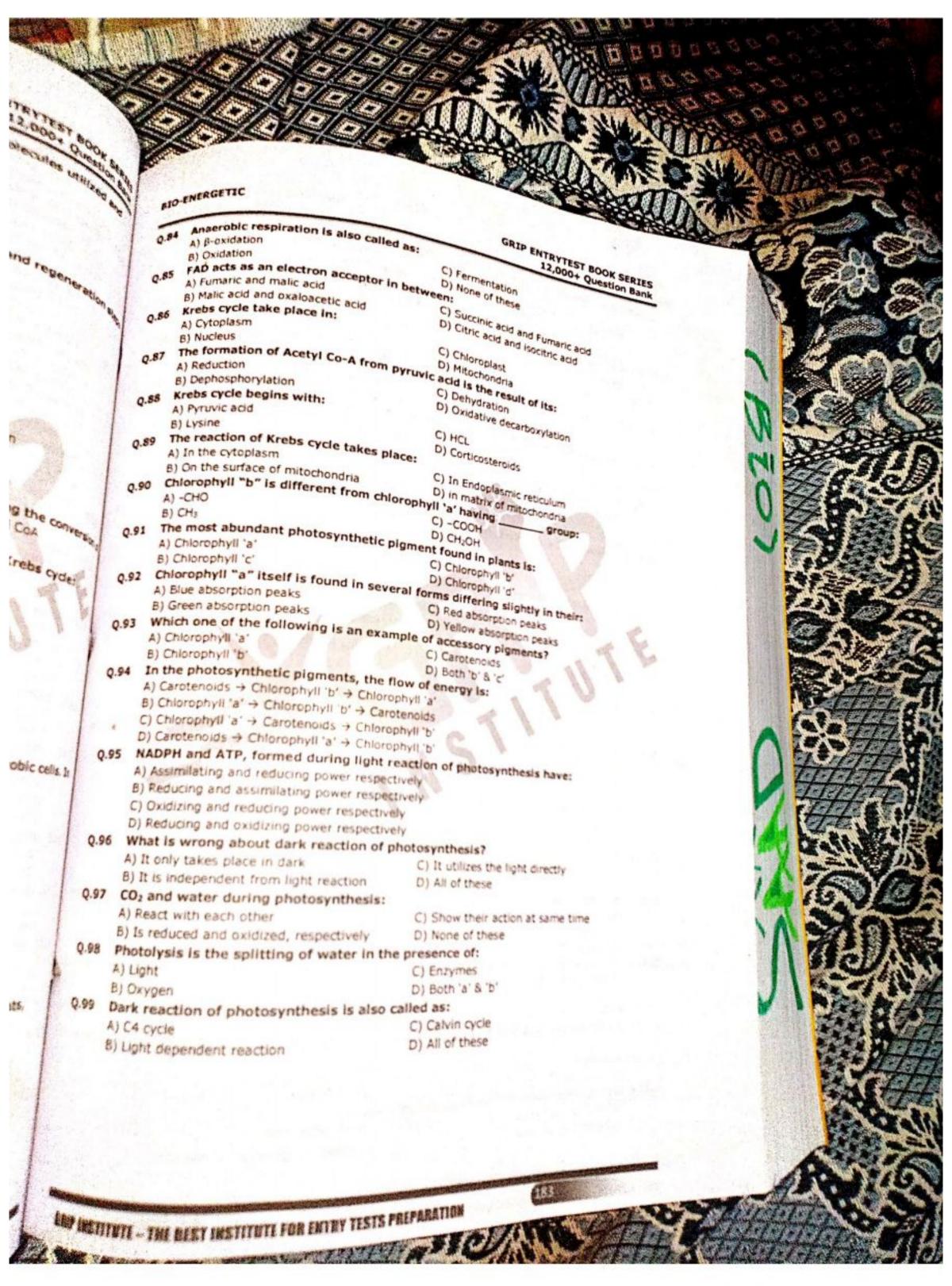


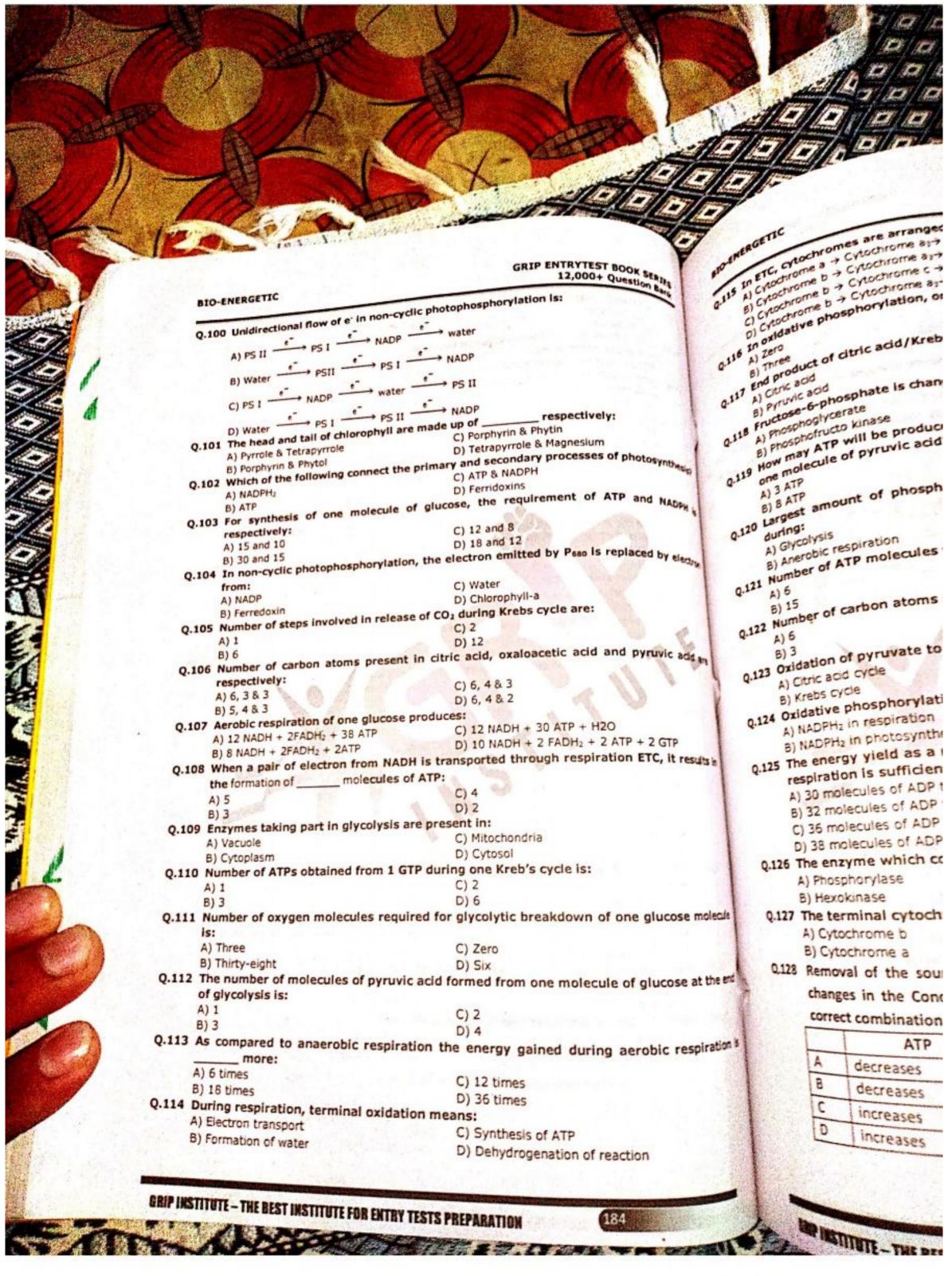


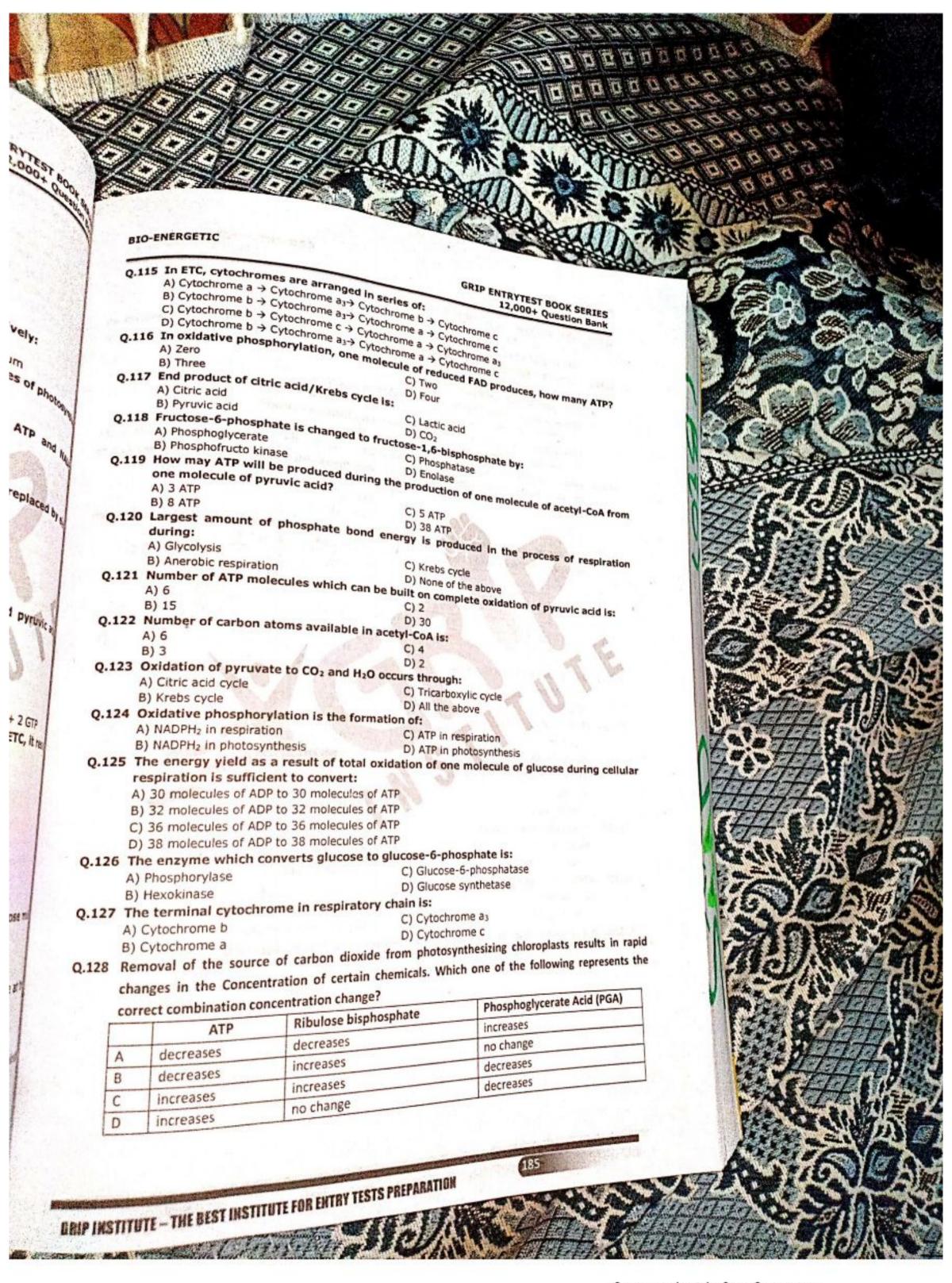


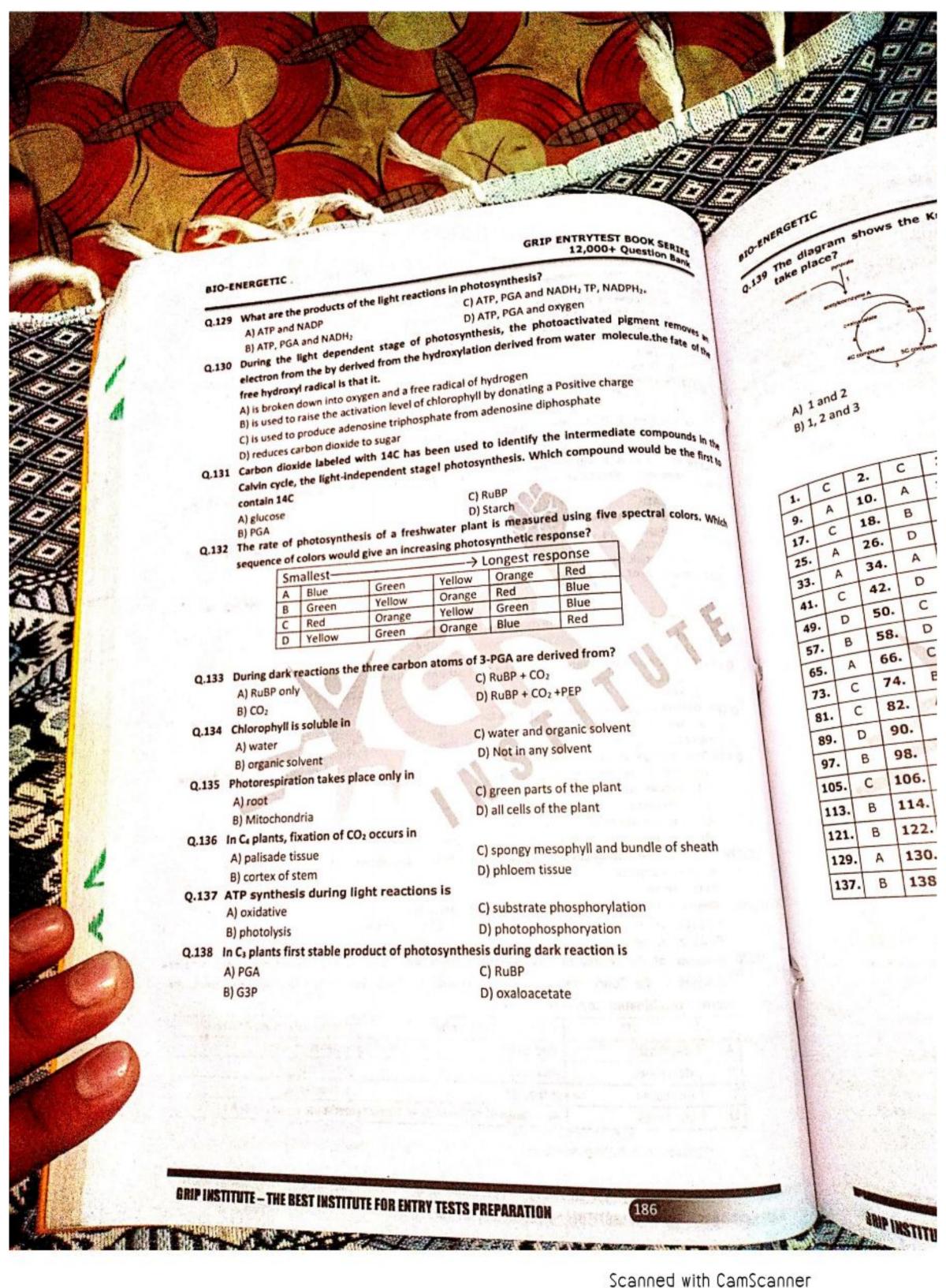


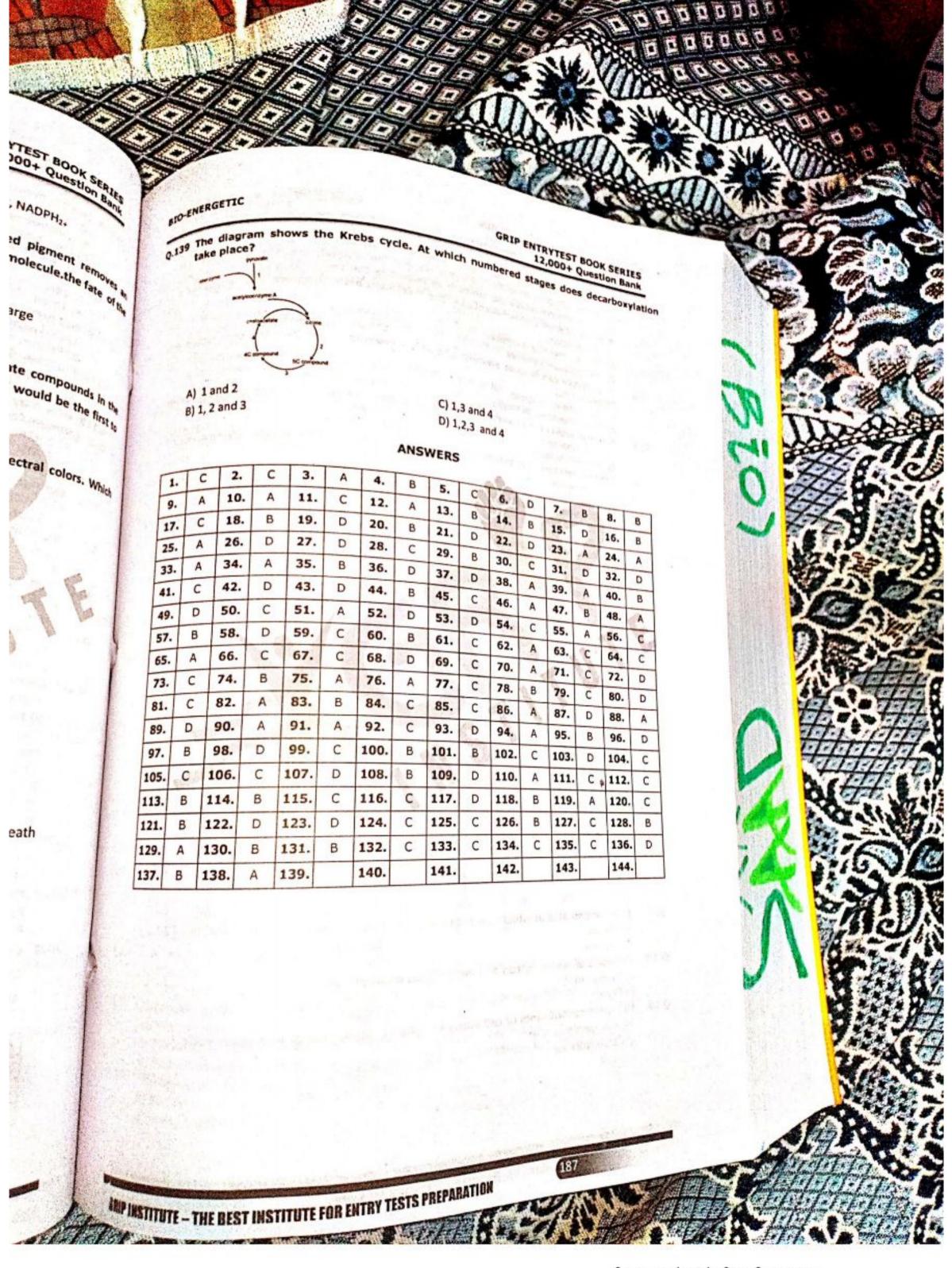


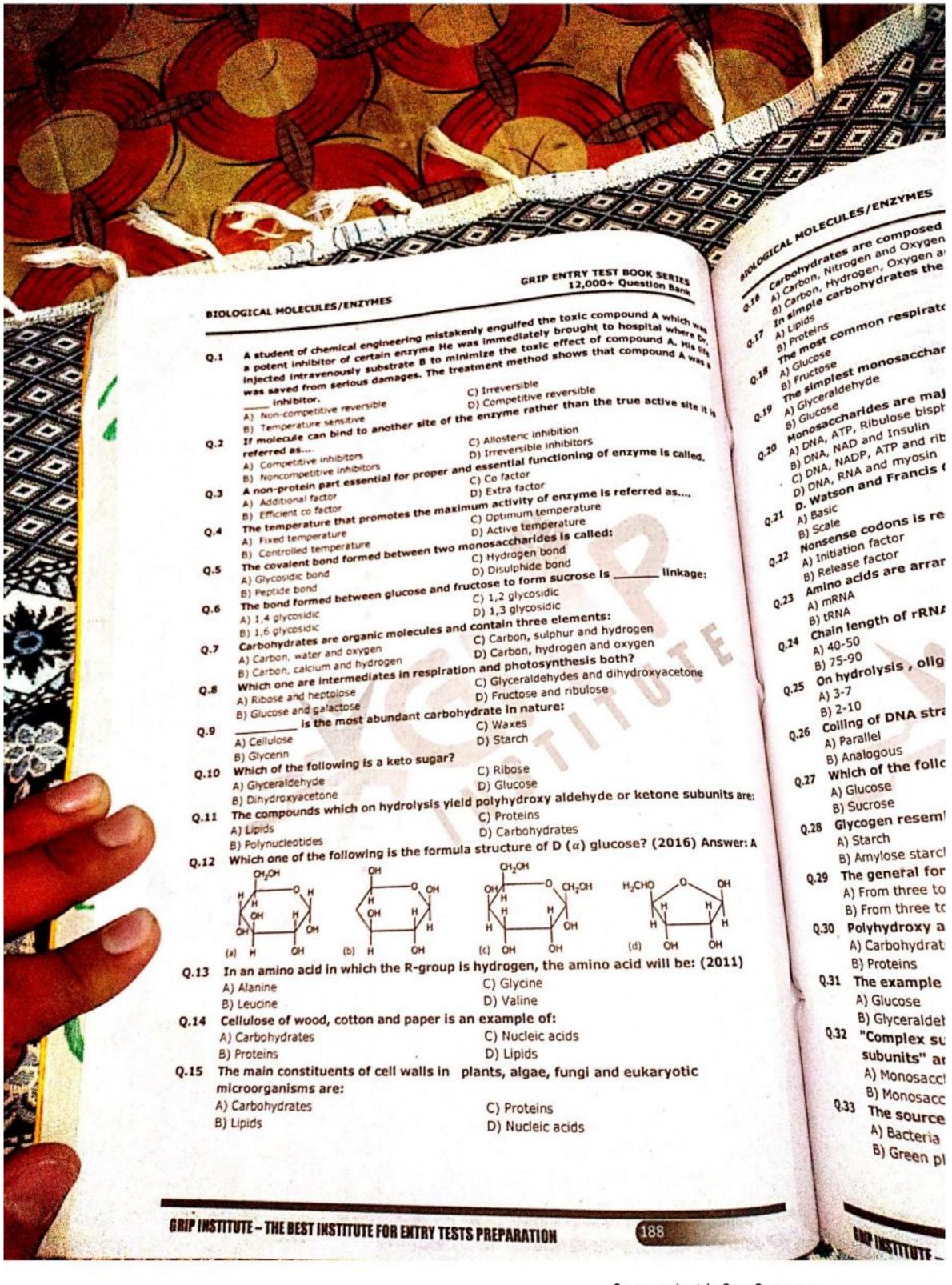


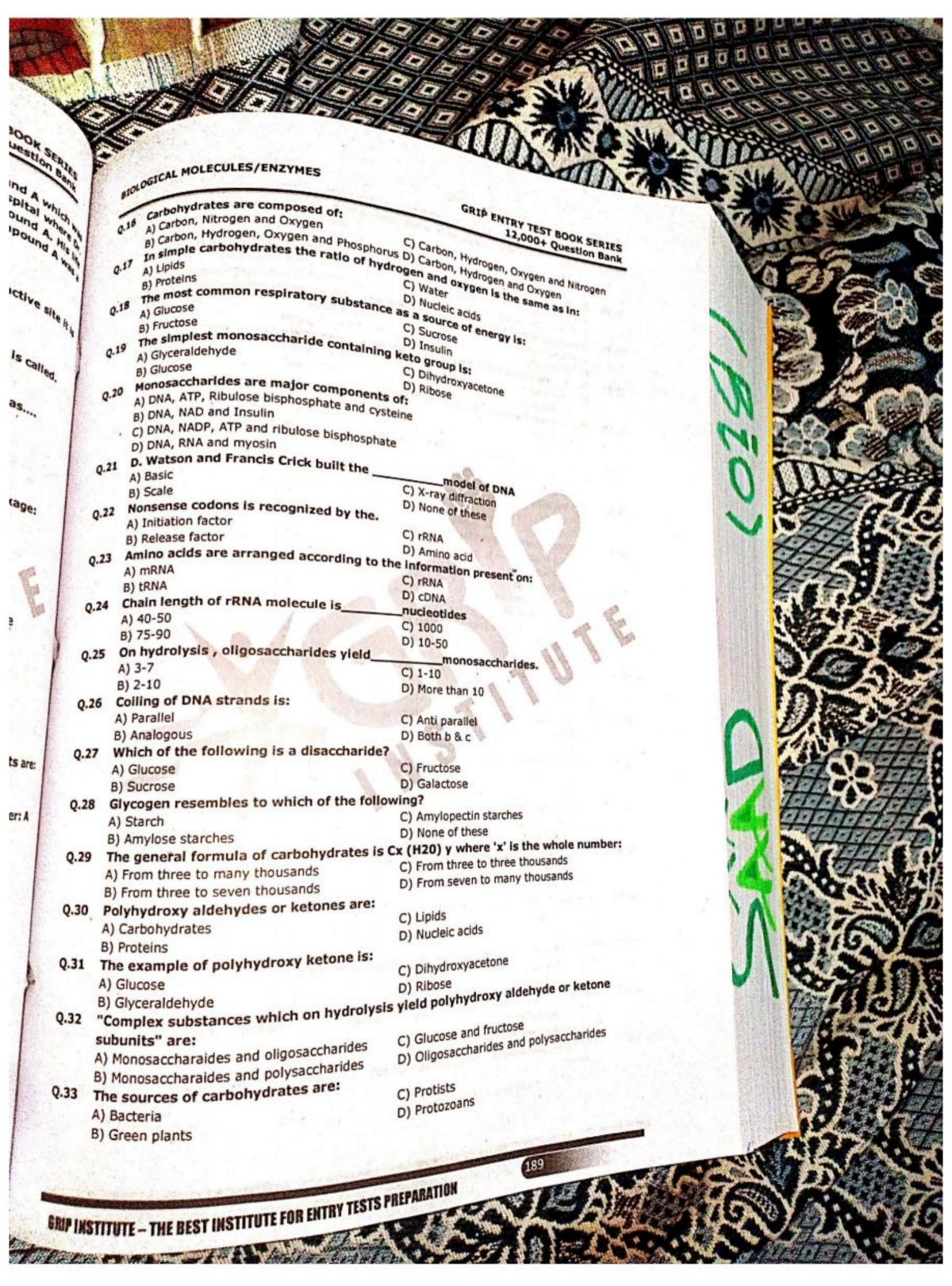


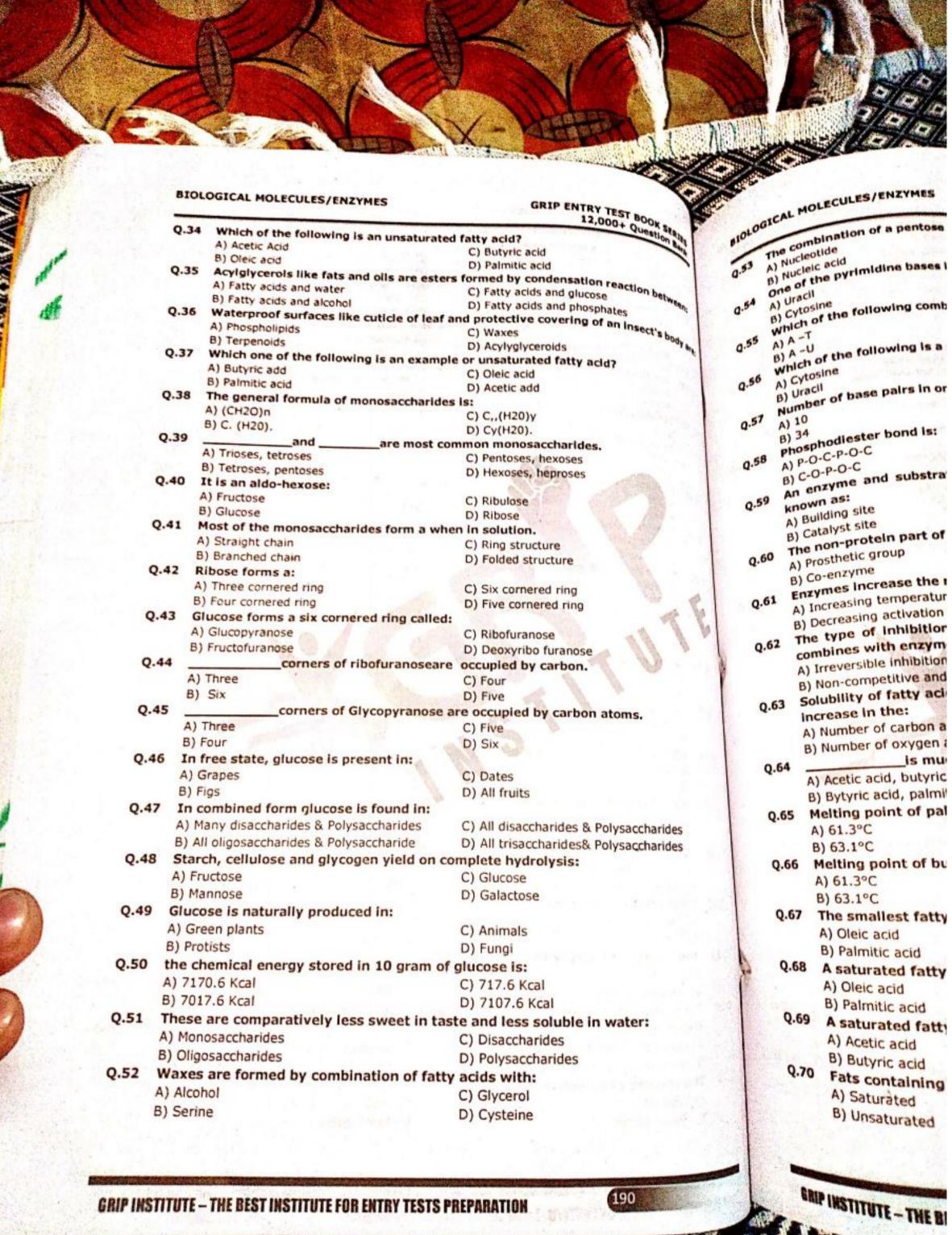




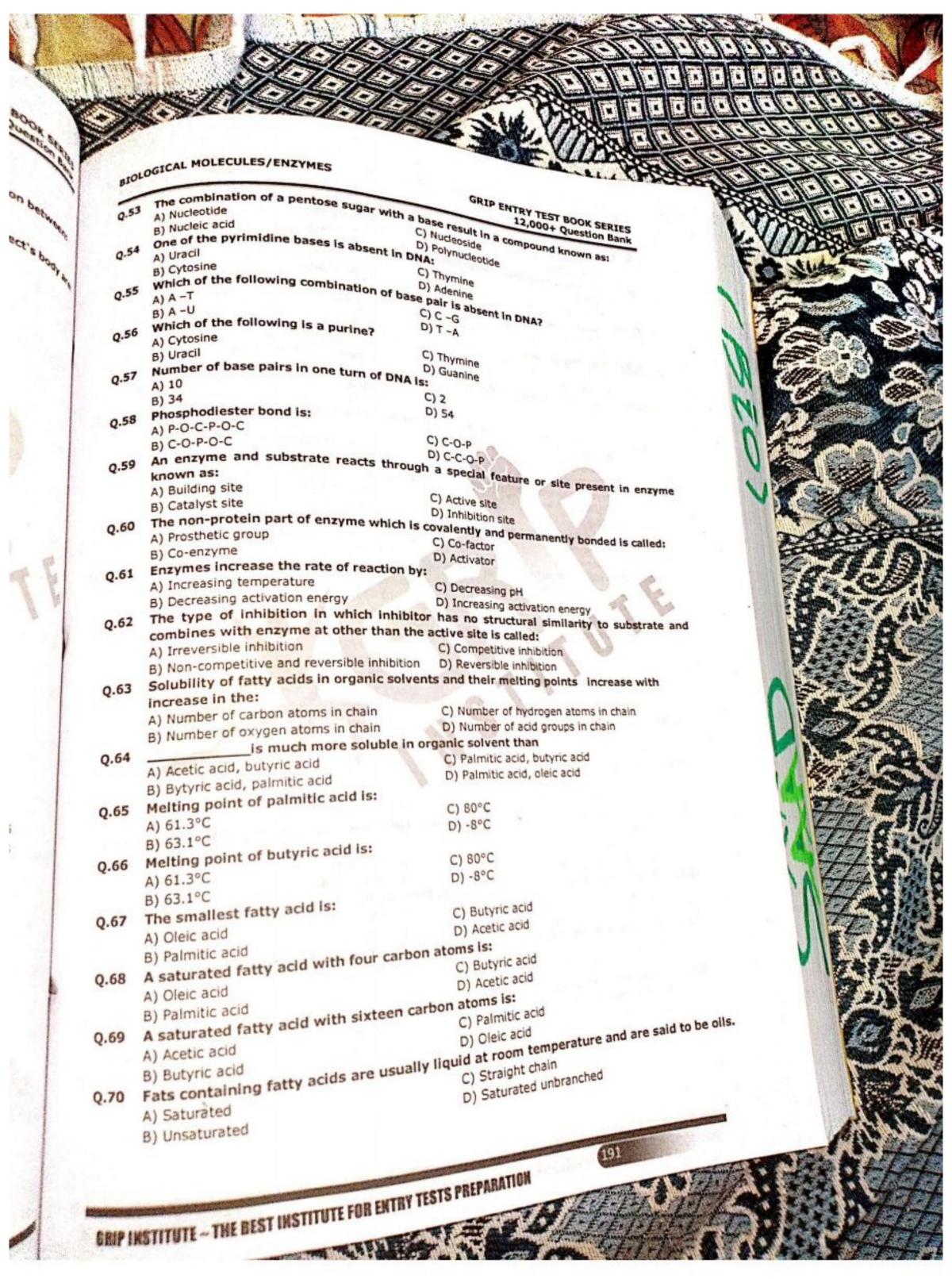


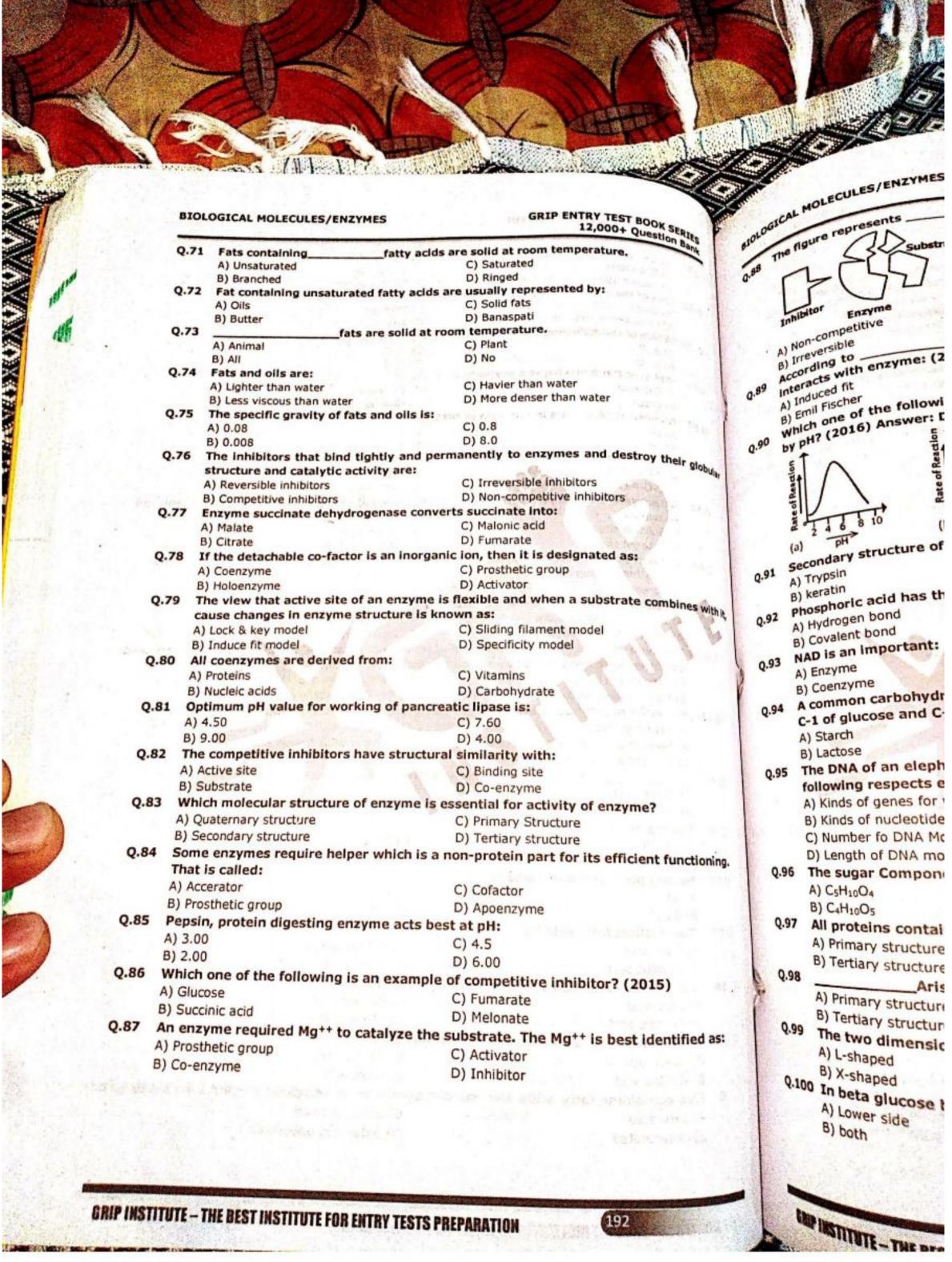


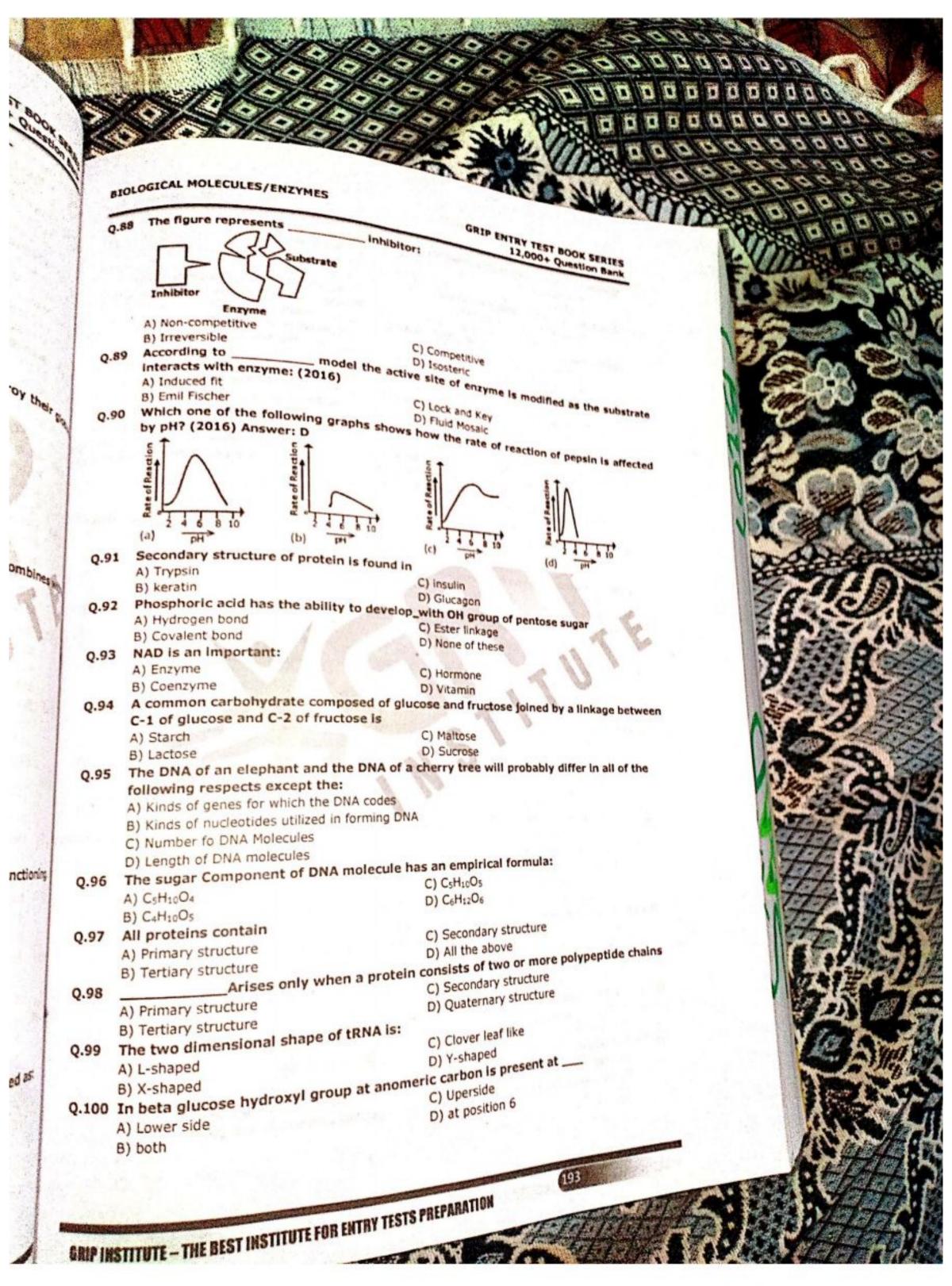




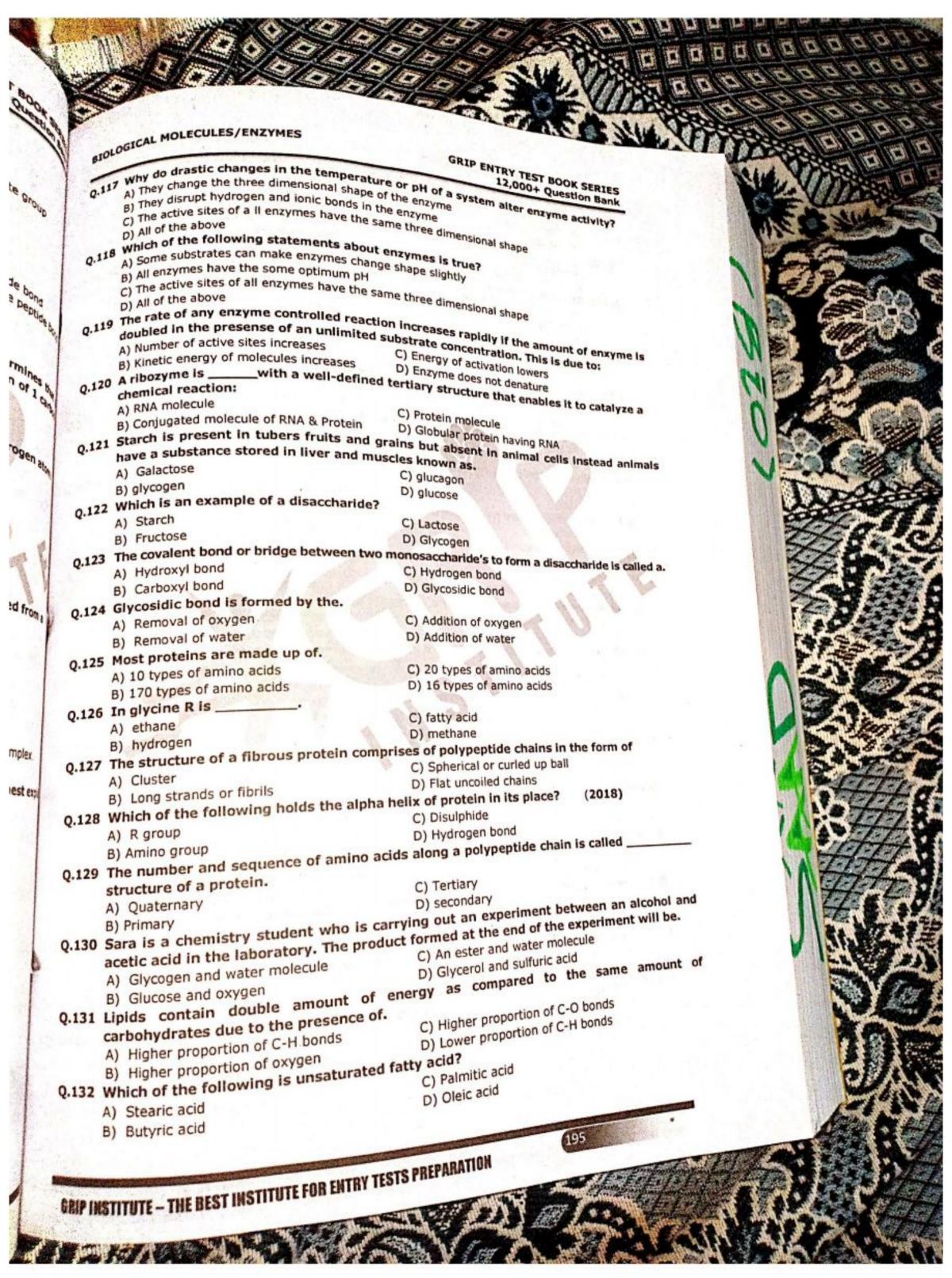
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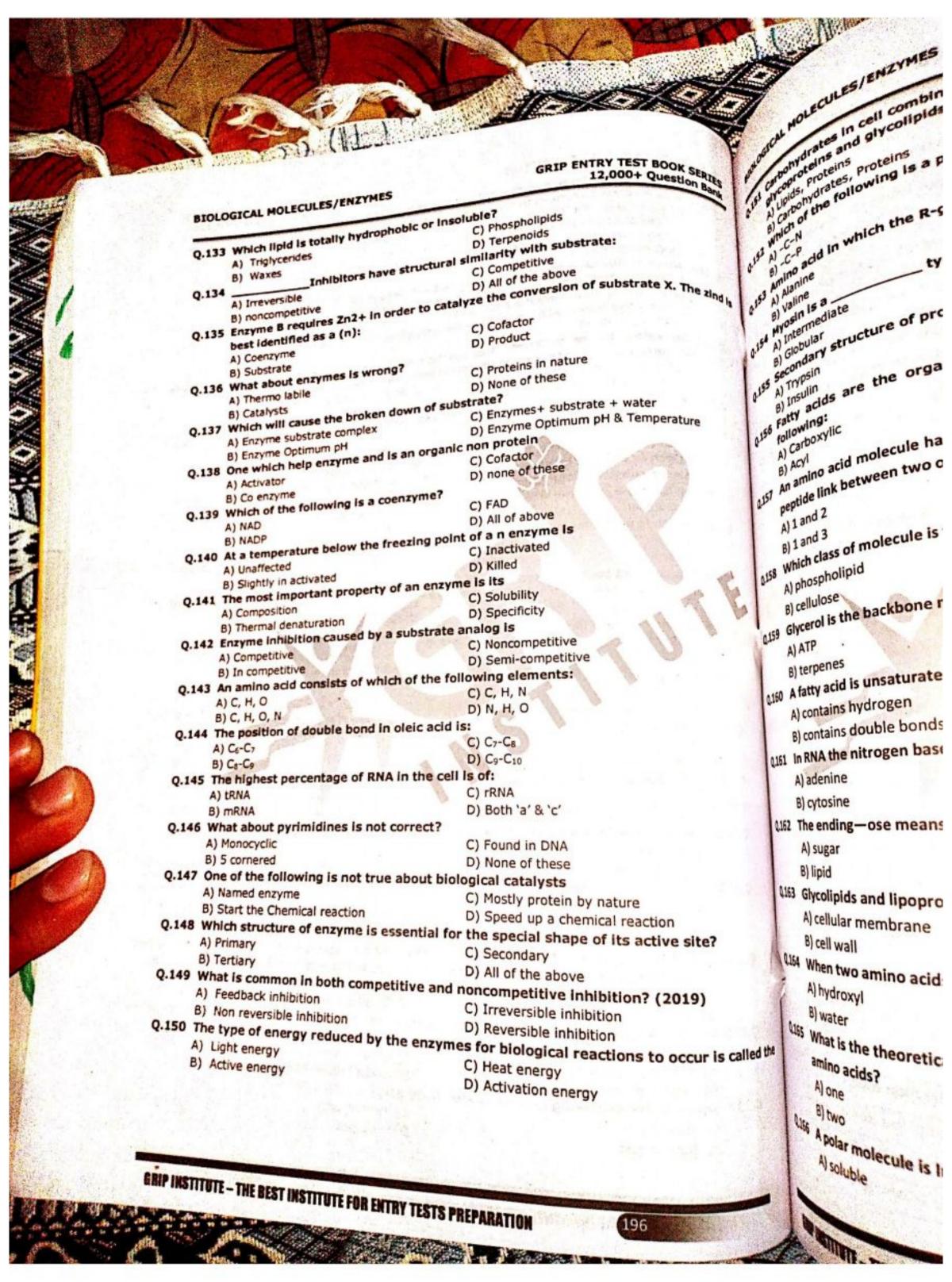


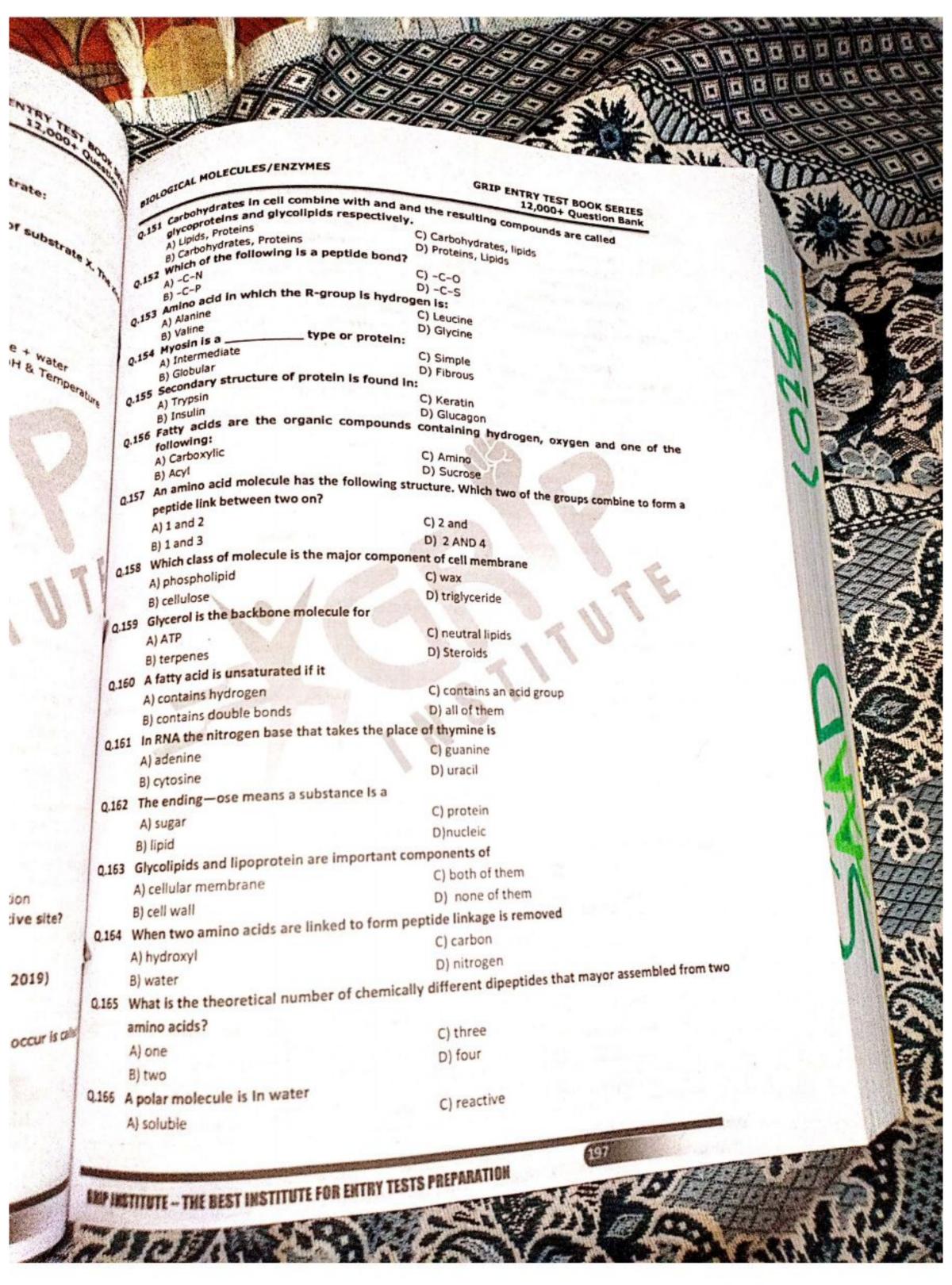


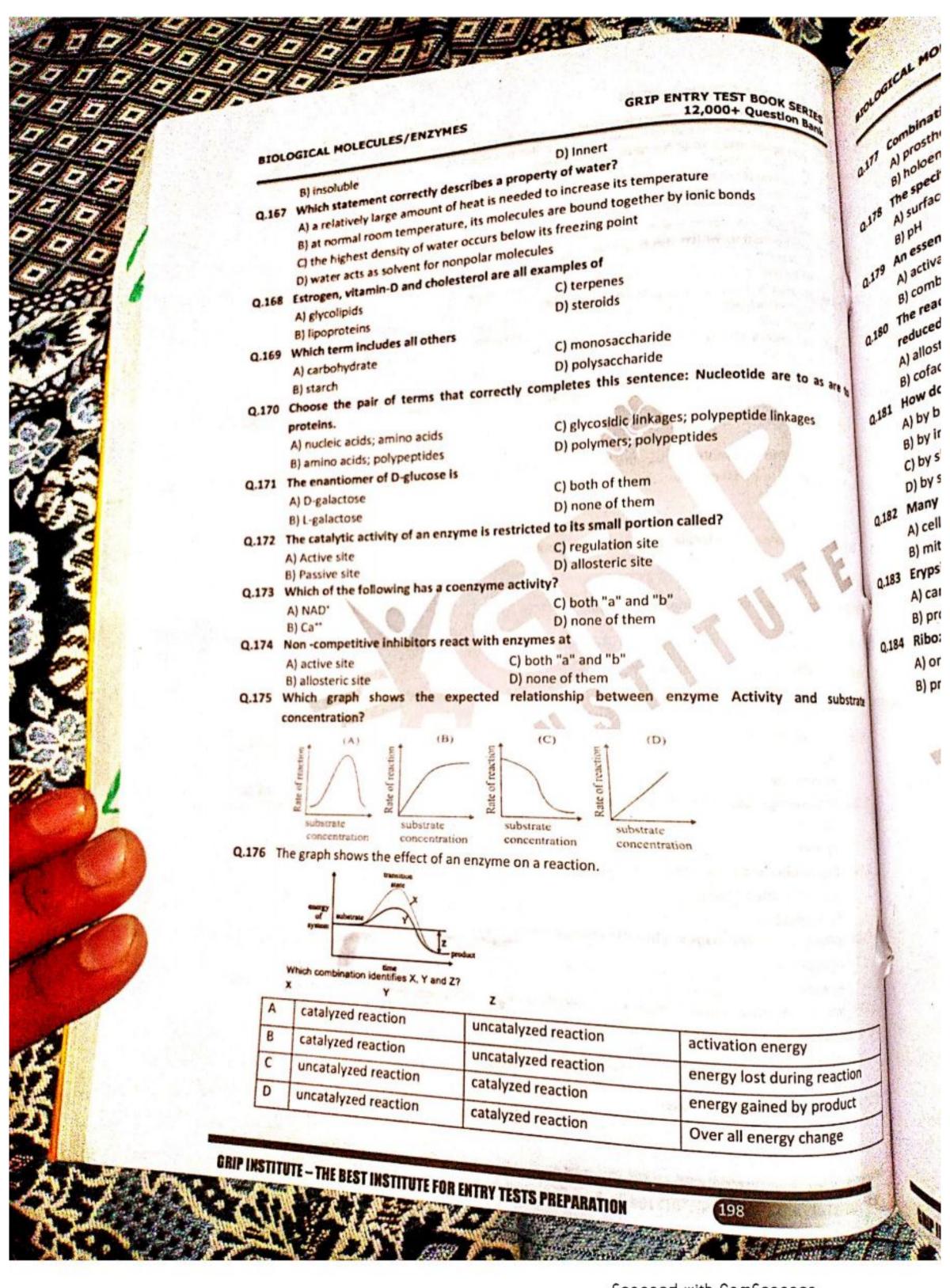


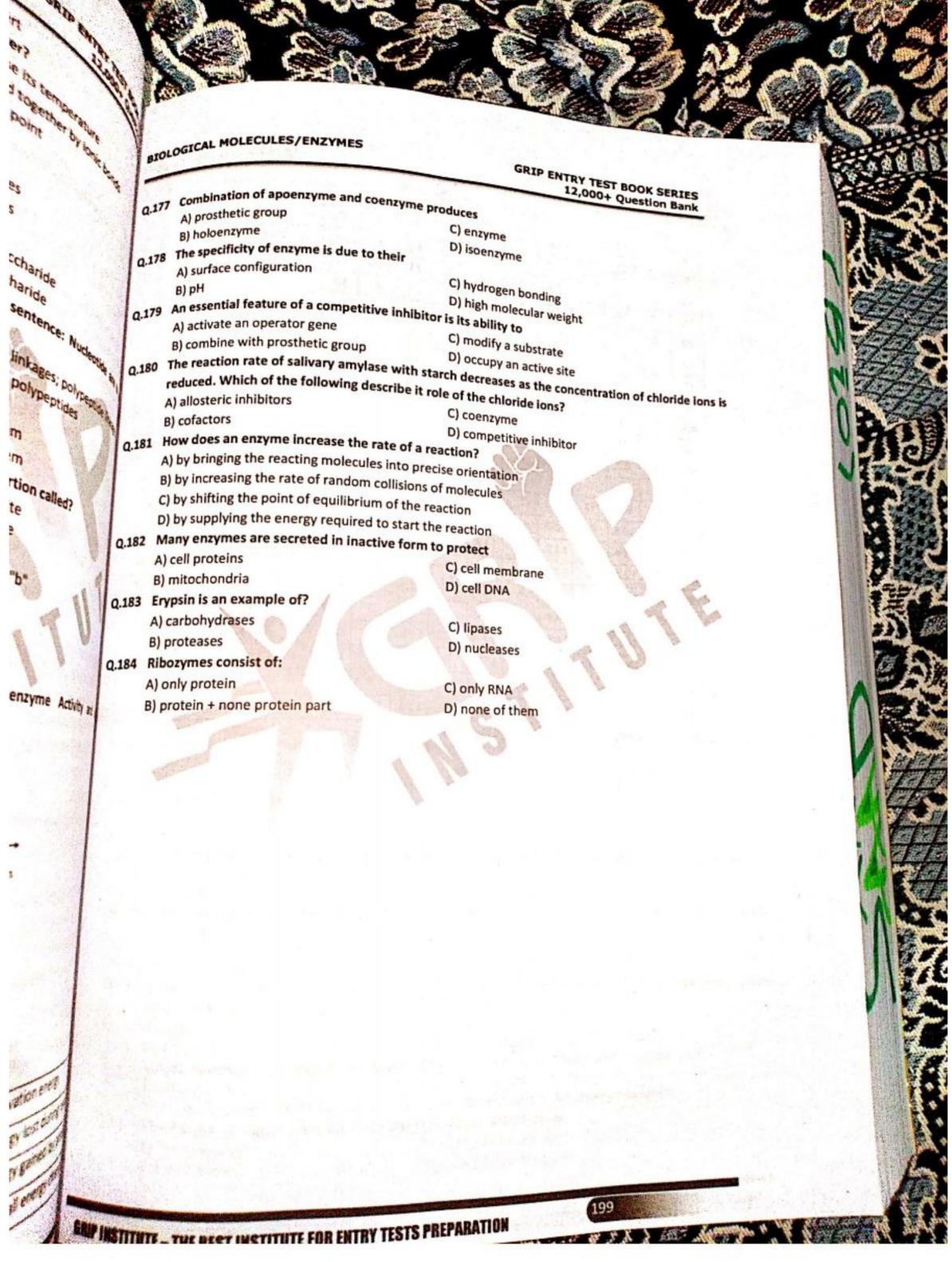
MOLOGICAL MOLECULES/ENZYME why do drastic changes in three thre They disrupt tiyor ogen and GRIP ENTRY TEST BOOK SERIES D) All of the following sta 12,000+ Question B Which of the following sta BIOLOGICAL MOLECULES/ENZYMES A) Some super have the sor B) All enzymes mave the sor The active sites of all enzymes C) All of the above C) Amino acids Q.101 The end products of translation are: D) RNA C) Nitrogenous base & Phosphate group D) All of any enzyme A) Polypeptides C) All of the above D) Sugar, Nitrogenous base the rate in the presense Q.102 Back bone of DNA and RNA Q.103 Inhibition of succinic dehydrogenase by malonate is an example of doubled of active sites i C) Non-competitive inhibition A) Number energy of molec A) Competitive inhibition C) two amino acid and two peptide bond B) Allosteric inhibition Aribozyme is chemical reaction: C) two monosaccharide's and one peptide bond A) Two amino acids and one peptide bond Q.104 A Dipeptides have Q.105 No of carbon atoms in monosaccharide called heptoses are B) Two amino acids with three peptide bonds B) Conjugated molecule Starch is present in to Q.106 During the course of analyzing an unknown chemical, a chemist determines that the Q.106 During the course of analyzing an unknown chemical, a chemist determines that the Q.106 During the course of analyzing an unknown chemical, a chemist determines that the proportion of 1 cars. have a substance stor During the course of analyzing an unknown creamed in the proportion of 1 carbon to chemical is composed of carbon, hydrogen, and oxygen in the proportion of 1 carbon to chemical is probably: 2 hydrogen to 1 oxygen. The chemical is probably: A) Galactose Q.122 Which is an example D) A monosaccharide A) An amino acid nitrogen atom: carbon atoms and B) A triglyceride Q.107 An amino acid has a minimum of A) Starch C) 2 & 1 0.123 The covalent bond or D) 1 & 1 A) 1 & 2 Q.108 Distance between base units of DNA is B) 2 & 2 A) Hydroxyl bond C) 34 nm B) Carboxyl bond D) none A) 3.4 nm Q.124 Glycosidic bond is fo Q.109 On which of the following molecules would you find codons? A) Removal of oxyger A) Messenger RNA D) Both a & b B) Removal of water Q.110 What term is used to describe the process by which proteins are synthesized from a 0.125 Most proteins are n genetic code? A) 10 types of amino C) Replication A) Reproduction D) Transcription B) 170 types of amin B) Translation Q.111 Poisons like cyanide, antibiotics and some drugs are the examples of: 0.126 In glycine R is \_\_\_\_ C) Co-enzymes A) Enzymes A) ethane D) Transcription B) inhibitors Q.112 Which step causes activation of catalytic site of an enzyme? B) hydrogen Q.127 The structure of a C) Formation of Enzyme Substrate complex. A) Change in pH of the surroundings B) Change in the charge of the active site D) Change in temperature A) Cluster Q.113 A certain enzyme will hydrolyze egg white but not starch. Which statement best explains B) Long strands or this observation? 0.128 Which of the follo A) Starch molecules are too large to be hydrolyzed A) R group B) Enzyme molecules are specific in their actions B) Amino group C) Egg white acts as a coenzyme for hydrolysis Q.129 The number and D) Starch is composed of amino acids Q.114 Which statement about enzyme is not true? structure of a pr A) They consist of proteins, with or without a non-protein part A) Quaternary B) They change the rate of catalyzed reaction B) Primary 0.130 Sara is a chemi C) They are sensitive to heat D) they are nonspecific in their action acetic acid in th Q.115 Proteinaceous part of holoenzyme is: A) Glycogen and A) Prosthetic group B) Glucose and C) Apo enzyme ₹131 Lipids contain B) Lecithin D) None of these Q.116 Cofactors: carbohydrates A) Break hydrogen bonds in proteins A) Higher propo C) Help facilitate enzyme activity B) Increase activation energy B) Higher prop 132 Which of the f D) very rare in livingorganism A) Stearic acid 8) Butyric acid

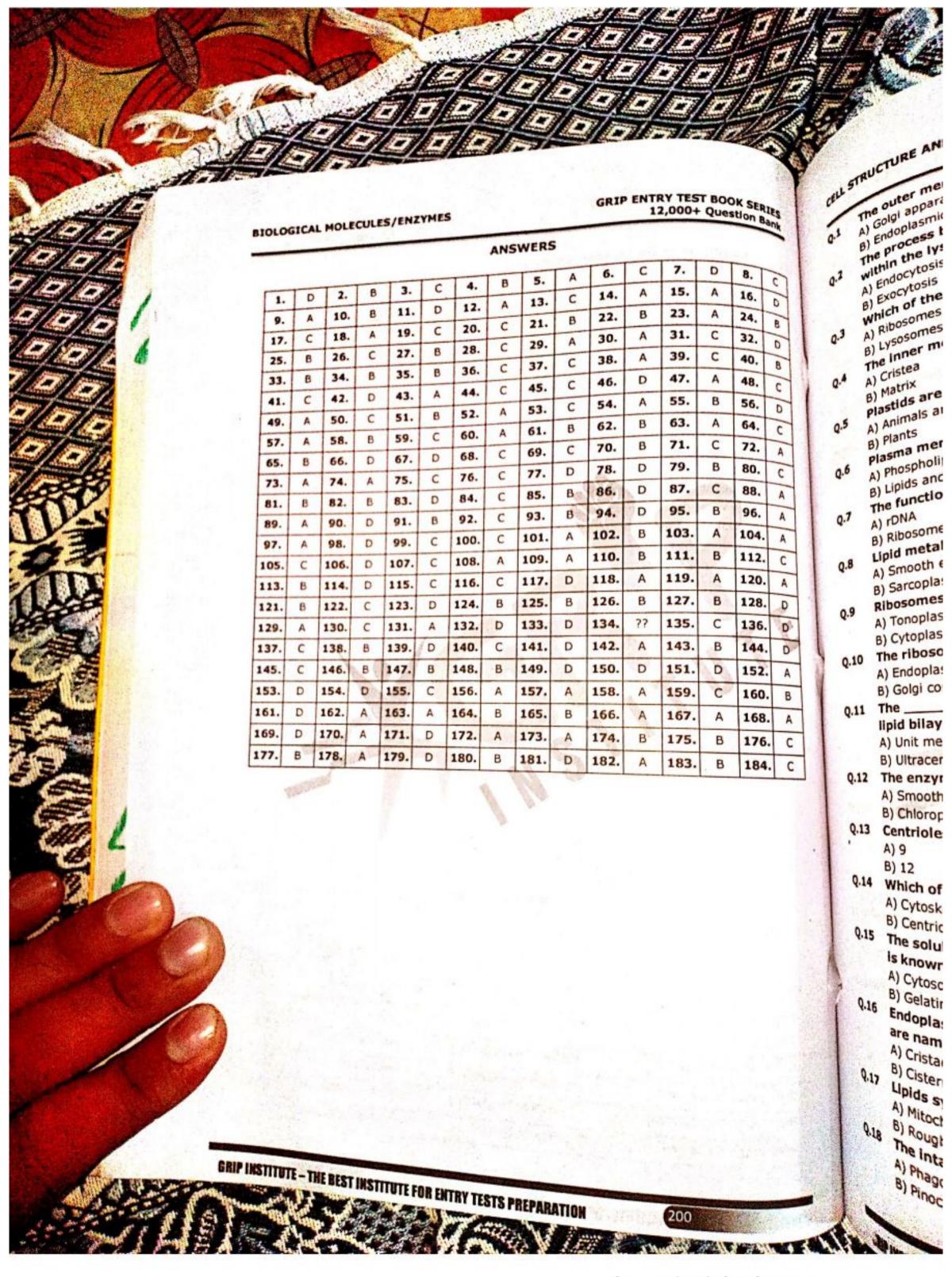




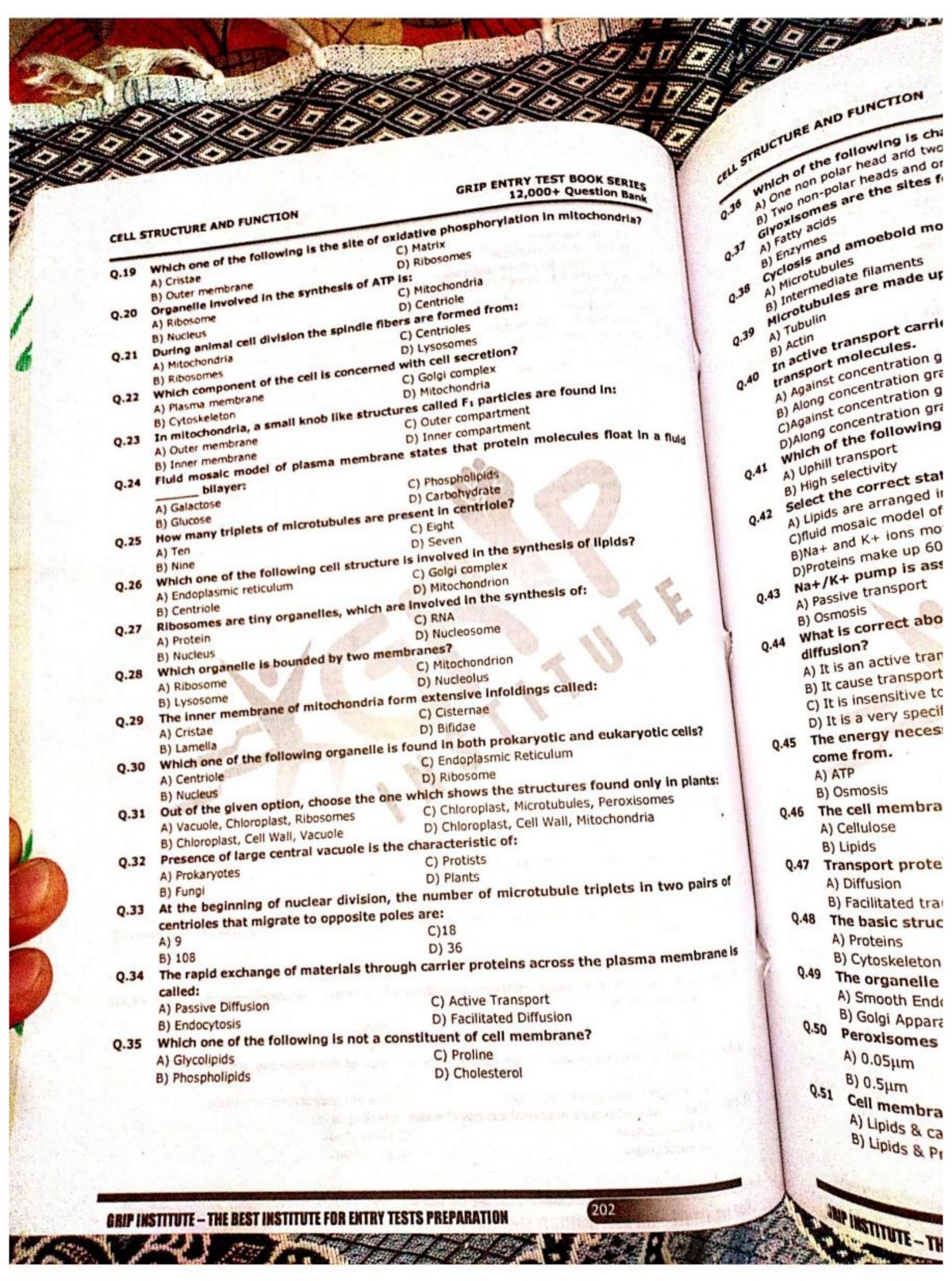


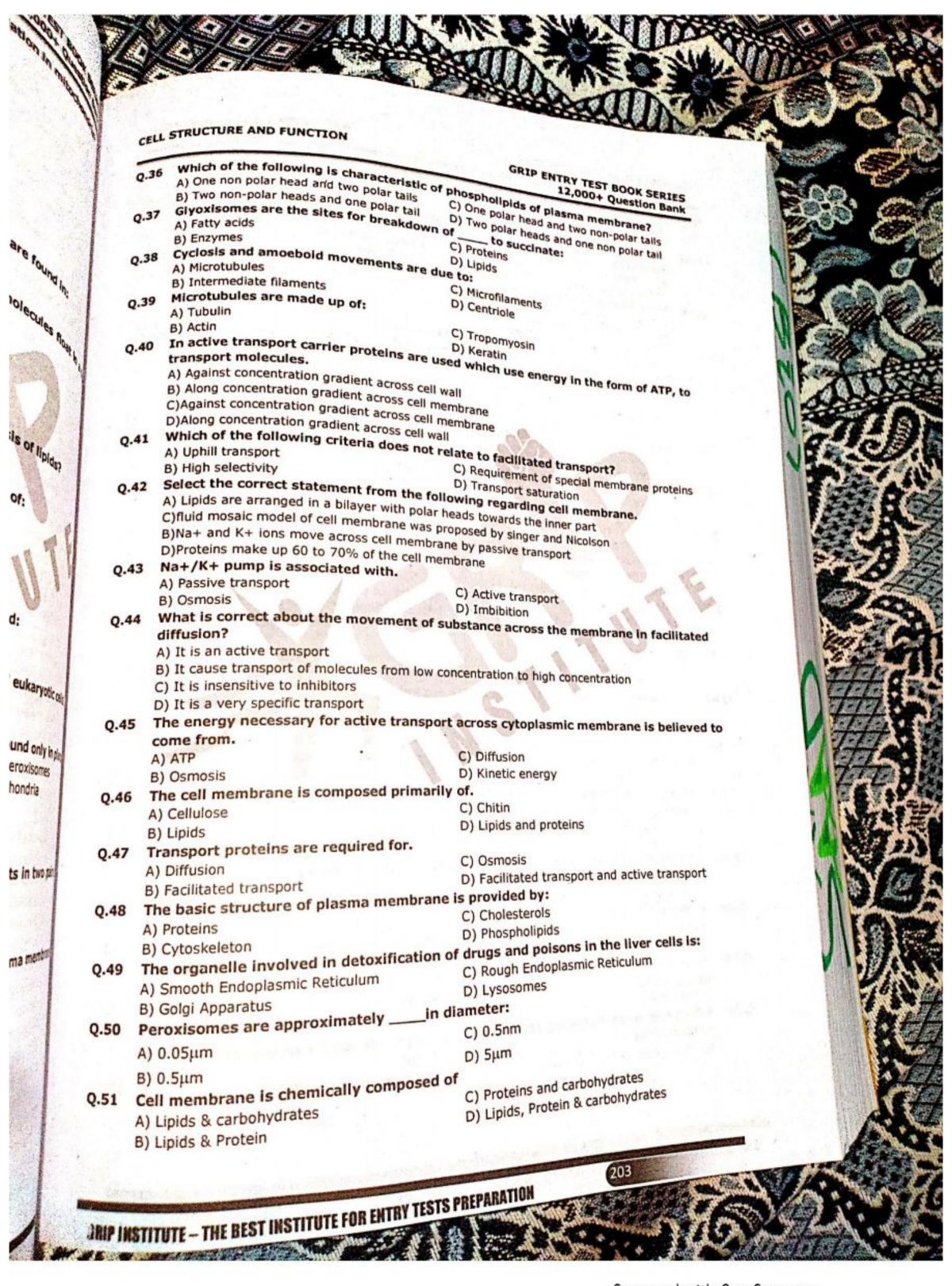




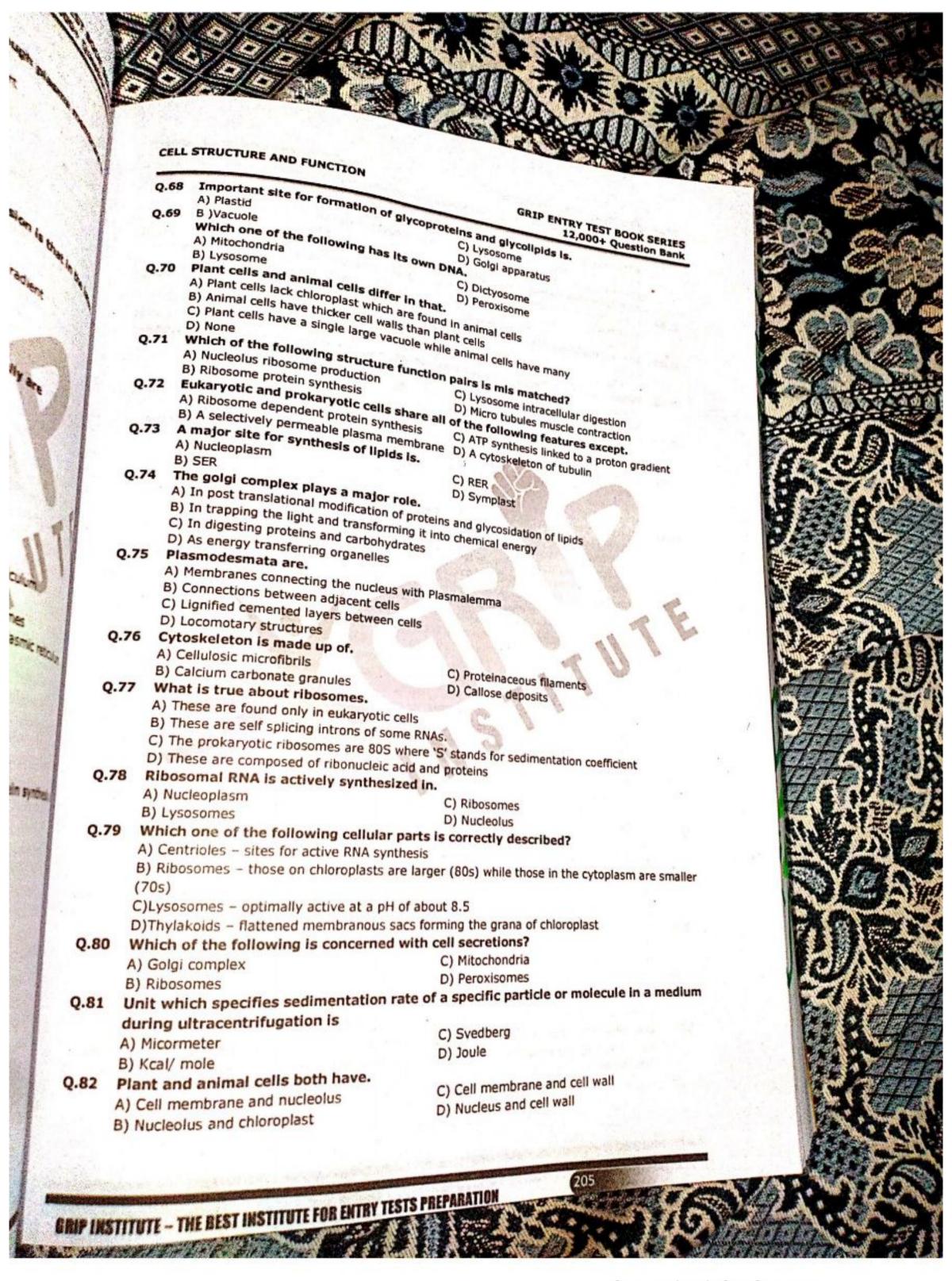


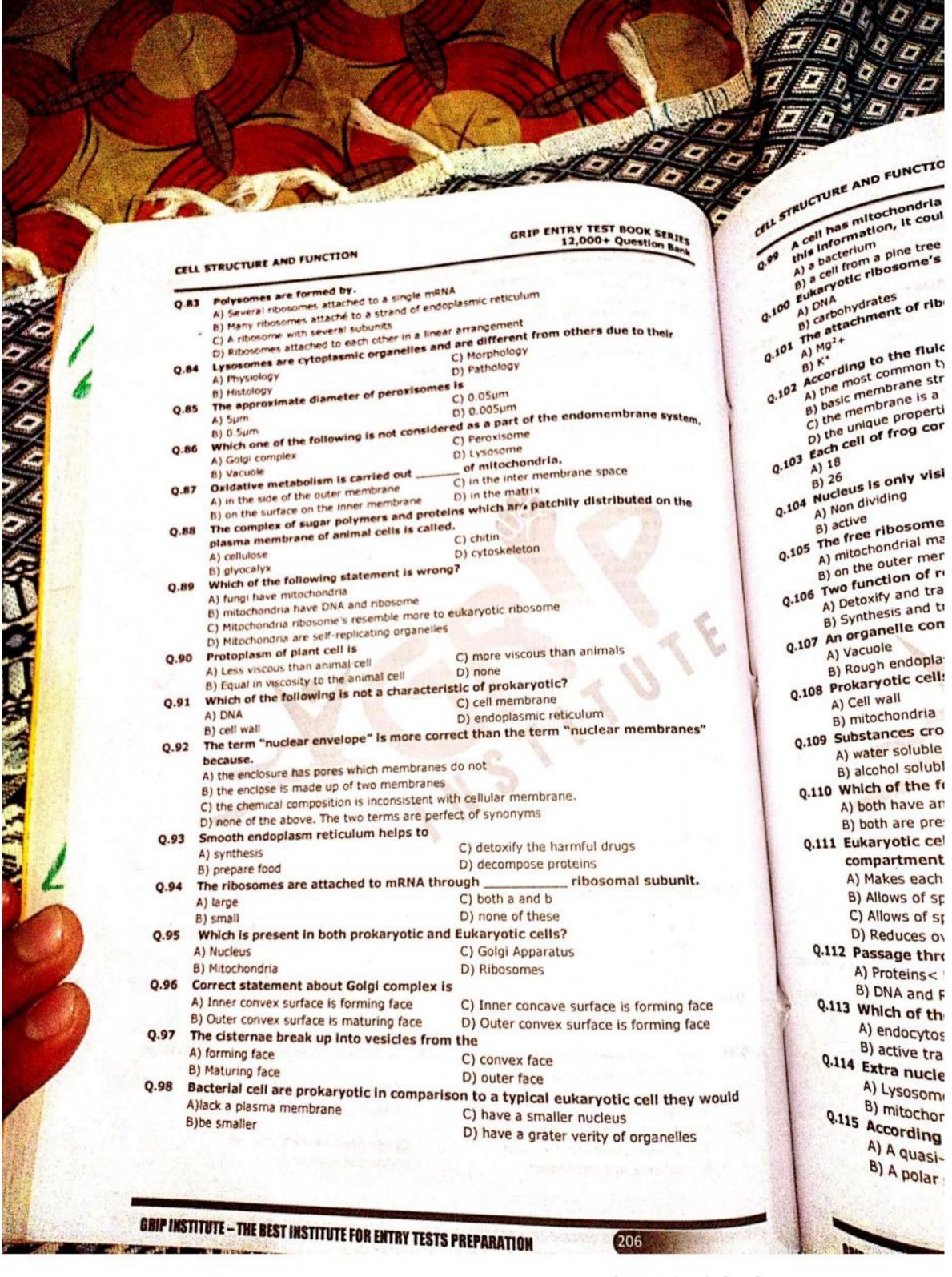
(1/0) C	ELL STRUCTURE AND FUNCTION		The state of
10	A) Golgi apparatus	GRIP ENTRY TEST BOOK SERIES  12,000+ Question Bank  C) Lysosomes  D) Peroxisomes  on as:	To the
10/00	B) Endoplasmic reticulum	C) Autophagy  CRIP ENTRY TEST BOOK SERIES  12,000+ Question Bank  12,000+ Question Bank  C) Lysosomes  D) Peroxisomes  C) Autophagy  D) Hydrolysis  C) Autophagy  D) Hydrolysis	1
0.2	within the lysosom	C) Lysosomes continuous Question Bank	
10/	A) Endocytosis	vn as:	51
E 4 0.3	Which of the follows	C) Autophagy D) Hydrolysis C) Golgi apparatus C) Golgi apparatus D) Mitochoose	
16/1	A) Ribosomes	nelles is con D) Hydrother	
0.4	The inner members	C) Could with the call	THE ST
ONN	A) Cristea	chondria is D) Mitochondria	
Q.5	B) Matrix	C) Golgi apparatus  D) Mitochondria schondria is folded to form finger like structure called:  D) Cisternae	
6	A) Animals and plants	D) Cisternae	10
0.6			70
10	Plasma membrane is chemical A) Phospholipids only B) Lipids and carbohyday	C) Animals D) Viruses	
1	B) Lipids and carbohydrates	Composed of:	
Q.7	The function of nucleolus is to	C) Lipids and proteins D) Glycoproteins	
	B) Ribosomes	CHARL MINISTER	7-1
Q.8	Lipid metabolism is the function	Di -	
00	By Commission reticulum		1
10 Q.9	Ribosomes exist in two forms	C) Mitochondria D) Rough endoplasmic reticulum either attached with the RER or freely dispersed in the: C) Golgi bodies D) SEP	TL
10,0	A) Tonoplast B) Cytoplasm	erther attached with the RER or freely dis-	
Q.10 T	The ribosomal RNA is synthesi  Endoplasmic reticulum	D) SER	
4	) Endoplasmic reticulum	zed and stored in:	
Q.11 T	) Golgi complex	C) Nucleolus D) Chromosom	
75 1 1i	pid bilayer:	D) Chromosomes na membrane suggests that proteins are embedded in	100
BACK CONTRACTOR CONTRA		C) Permeable	V &
0)	Ultracentrifuge		
A)	Smooth endoplasmic reticulum	synchronized on:	المتال
B)	Chloroplast	D) Color as a coopias mic reticulum	
Q.13 Ce	ntrioles are made up of	microtubules:	
B):		C) 3 D) 27	
Q.14 Wh	ich of the following structure	is absent in higher plants and found in animal cells?	
1	YLOSKEIELDII	C) Mitochondria	
	entriole	D) Cytoplasm	
	nown:	n or liquid that remains when all organelles are removed	M
	ytosol	C) Solution	
	elatin material	D) Cytoskeleton	No.
		a system of flattened membrane-bounded sacs which	
A) Cri	named as:	C) Marks	
B) Cis	ternae	D) Tubules	J.
Q.17 Lipids	s synthesis/metabolism take	es place in which of the following organelle?	6.3
	ochondria	D) Smooth endoplasmic reticulum	4
Q.18 The In	igh endoplasmic reticulum	b) Smooth endoplasmic restaurant to the cell membrane is:	7
The in	take of liquid material acros	C) Endocytosis	
	gocytosis cytosis	D) Exocytosis	1
2) 1110	Ly Wars	The state of the s	R



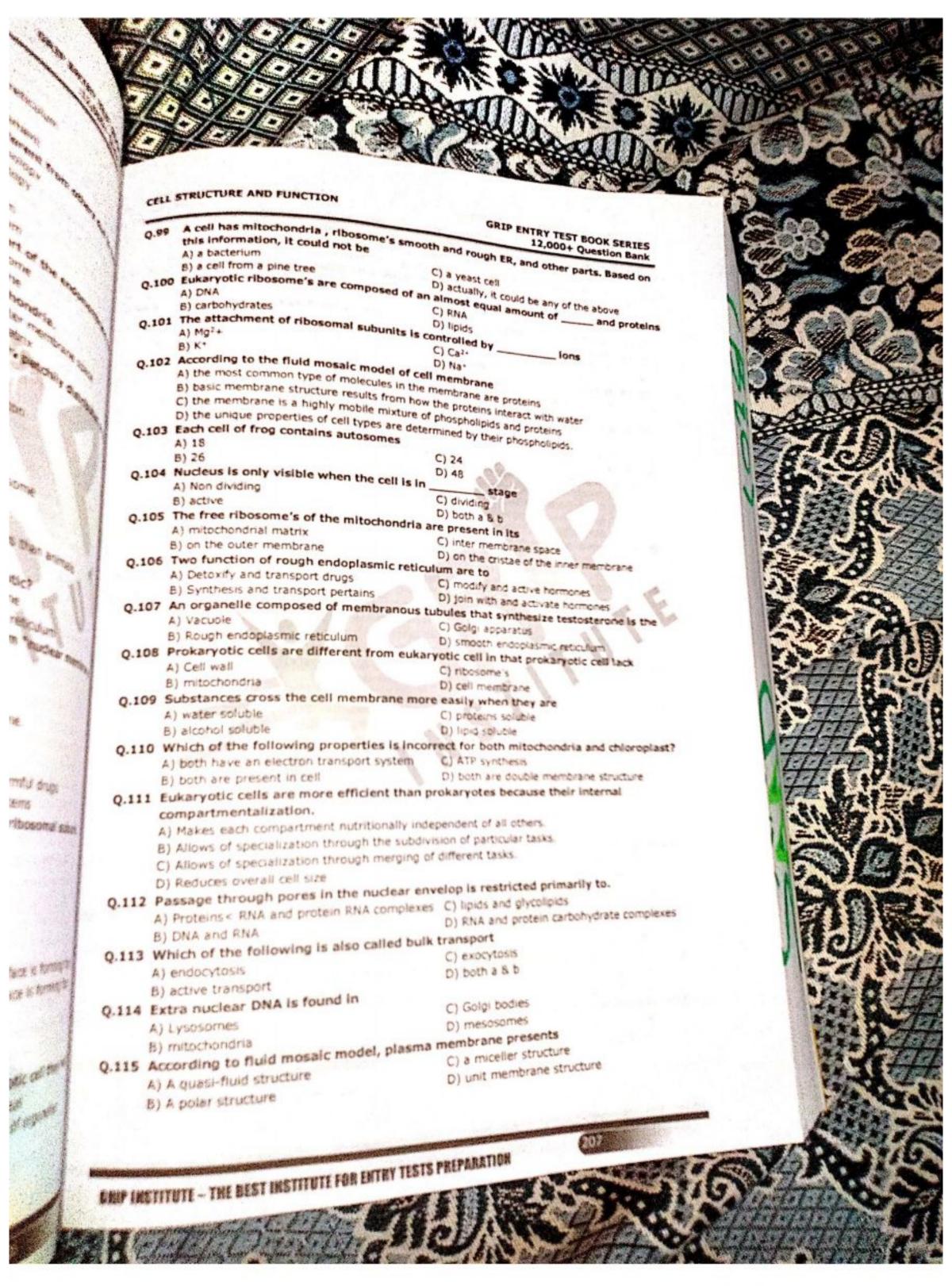


Q.52	Which of the following is not found	In animal cells?  C) chloroplast				
	A) cell wall	D) all a, b and c				
	B) central vacuole	and an aradient through plasma memb				
Q.53	B) central vacuole  Movement of materials against concentration gradient through plasma membrane is					
	termed as	C) Active transport				
	A) Osmosis	D) Diffusion				
	B) Passive transport	Charles and the state of the st				
2.54	Biological membrane includes.					
	A) Only nuclear membrane	The second secon				
	B) only membranes of golgi complex					
	C) Only mitochondrial membrane	with plasma membrane				
	D) All the intracellular membranes along	with plasme with plasme and facilitated diffusion is that in the law				
Q.55	The difference between active transport and					
	A) No carrier protein is involved     B) Substances are brought in against the concentration gradient					
	B) Substances are brought in against the	e concentration gradient				
	C)A carrier protein brings in the substant	ce down the contra				
	D)Substance are internalized slowly	n most of the plant cells?				
Q.56	Which of the following is not found i	C) Lyso-some				
	A) Flagellum	D) All a, b and c				
	B) Centriole  The substance which cannot cross the	ne cell membrane more easily are				
Q.57	The substance which cannot cross to	C) Ionic				
	A) Hydrophobic	D) Inorganic				
	B) Hydrophilic	hrane phospholipids?				
Q.58	Which statement is not true of membrane phospholipids?					
	A) They are amphipathic					
	B) They have hydrophobic tails					
	C) They have hydrophilic heads D) They flop readily from one side of the	membrane to the other				
	Which of the following is related to	117 000 1				
Q.59	Which of the following is	C) Mitochondria				
	A) Lysosome	D) Rough endoplasmic reticulum				
	B) Peroxisome  DNA is present in.	All and the latest the				
Q.60	A) Chromosomes and dictyosomes	C) Chloroplasts and lysosomes				
	- to delegand chloroplasts	D) Mitochondria and endoplasmic reticulum				
	A group of ribosomes attached to mi	RNA are known as				
Q.61	A) Polymers					
	B) Polypeptide	D) Polymerase				
0.62	Palade studied					
Q.62	A) Endoplasmic Reticulum	C) Glyoxisomes				
		D) Ribosomes				
Q.63	Which of the following is responsible	for the mechanical support protein synthesis an				
Q.03	enzyme transport?					
	A) Cell membrane	C) Mitochondria				
	D) Distriction	D) Endoplasmic reticulum				
Q.64	The intake of liquid material by plasm	na membrane is termed as				
2.0.	A) Endocytosis -	C) Pinocytosis				
	B) Phagocytosis	D) None a, b and c				
2.65	Prokaryotic cell wall is made up of					
4.00	A) Cellulose	C) Murein				
	B) Chitin	D) Lignin & Pectin				
Q.66	Amount of lipids in plasma membrane	e is about				
	A) 20 - 40%	C) 40 - 69%				
	B) 20 - 60%	D) 40 - 80%				
Q.67	Which one of the following structures	s in an organelle within an organelle?				
	A) Peroxisome	C) ER				
	B) Mesosomes	D) Ribosome				





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	What is the most important diff t	/w active and passive cell transports		
Q.116	What is the most important diff b/w active and passive cell transport?  A) active transport require energy input, passive transport dose not  a) active transport occurs in animals, passive transport occurs in plant			
	A) active transport occurs in animals, passive transport occurs in plant			
	A) active transport require energy input, passive transport does in plant  B) active transport occurs in animals, passive transport occurs in plant  C) active transport does not use membrane, passive transport always use membrane  D) active transport occurs whenever an organisms moves, passive transport dose not involve			
	D) active transport occurs whenever	an organisms moves, passive transport dose not involve		
	Di active transport occurs mienever	MII O' BOLLING		
0 117	Which of the following statemen	ts best describes the fluid mosaic model of the plasma		
Q.117	membrane	u-ide hilaver		
	A) Sheet of protein	C) Phospholipids bilayer D) complementary base template		
1000	B) Sugar- phosphate backbone	D) complementary vesicles?		
0.118	Which of the following cell organ	elles produces secretary vesicles?  C) Golgi apparatus  C) and oplasmic reticulum		
Q.116	A) mitochondrion	C) Golgi apparatos  D) rough endoplasmic reticulum  province province gradient?		
	B) lysosome	nterial against a concentration gradient?  C) diffusion  C) diffusion		
0.110	Which of the following moves ma	iterial against a concerns		
Q.119	A) osmosis	C) diffusion D) facilitated transport		
	R) active transport	D) racilitated train would have passed through		
0 170	What is the sequence of organell	es that a secreted protein would have passed through		
Q.120	on it journey out of cell?			
	As Mitachandria Coloi annaratus, Cel	I membrane		
	B) Cellmembrane, mitochondria, Golg	gi apparatus		
	C) Daviel and an armir reficultiff, Our	g		
	C) Rough endoplasmic reticulum, Gol     D) Golgi apparatus, rough endoplasm	ic reticulum, cell memory ribonucleic acid (DNA) found		
0 131	In which of the following is the gr	reatest amount of deoxyribonucleic acid (DNA) found?  C) ribosome's		
	A \ Nuclous	at avalors envelope		
	B) nucleolus	best describes the fluid mosaic model of the plasma		
0 122	Which of the following statement	best describes the fluid meaning		
Q.122	membrane?	in to lower of lipids		
	-fntaine Eurroundii	ng a single layer of lipids		
		d luyer or production		
0 122	Which of the following is/are energy	gy consuming pro-		
Q.123	A) endocytosis			
		D) all		
0.124	which of the following in plasma m	nembrane does not have transport function?		
Q.124	) channel protein	C) carrier protein		
	) receptor molecules	D) none		
0.135	which of the following is the functi	NEEL COURSE CONTRACTOR OF THE		
Q.125 W	Detayification of drugs	C) storage of calcium		
	) Detoxification of drugs	D) all		
В	synthesis of steroids			
The same of the sa	olgi apparatus is practically impor	C) storage cell		
	secretary cell	C) storage cell		
	synthesis cell	D) all		
Q.127 An	important function of Golgi appa	ratus is the formation of		
- 0000	gloxisomes	C) lysosomes		
B) ribocome's		D) perovisomes		
0.128 16	15 um size objects is observed	under light microscope using 5X eyepieces and 10X		
Chi	active its magnified image size w	ill be		
ODJ	ective its magnified image size w	ill be.		
	750 µm	C) 500 µm		
CONTRACTOR OF THE PARTY OF THE	50 μm	D) 250µm		
Q.129 The	ability to distinguish between tw	vo separate points/objects is.		
	lagnification	C) Fractionation		
	ntrifugation	C) Tractionation		
		D) Resolution		
	nembrane of ER is	A STATE OF THE PARTY OF THE PAR		
	meable	C) semi permeable		
B) sele	ectively permeable	D) impermeable		
	The state of the s			

ELL ST	me structure present in a eukaryotic of the structure present in a eukaryotic	C) Cell surface memb	rane	
/	ne struct	D) Nucleus		
(31	DNA which cellular orga	anelle contains circular	DNA similar to those for	und
-	3) Ribos followings	400 850	there is the second	
	monterla?	C) Nucleus		
132	n baccosome	D) Ribosome		
1	mong mong mong mong a series of Lysosome  Lysosome  Chloroplast  Chloroplast  Membranous units forming a series of months and months alled  Salled	continuous and discont	inuous cavities in cell ar	e
	mbranous di	C)		
133	alled desmata	C) plasmalemma		
	alled plasmodesmata	<ul><li>D) endoplasmic retic</li></ul>	ulum	
. /	of Chief the cont in	C) chroman		
	RNA Is absenma	C) chromosomes		
134	A) plasmalemma A) plasmalemma B) ribosome's B) ribosome's The space b/w the outer and inner miner space A) perimitochondrila space A) perimitochondrila space A) perimitochondrila space	itochondrial membrane		
	a) ribosom b/w the outer and miles	C) inerter membrane	is	
135	the space b/w the outer the space (A) perimitochondrila sp	D) both a & b	space	
13	A) Perimitochondrial membrane is	compartmentalized into	numarous cristae which	h
		nitochondrial membrane	numerous cristae winci	199
13-	A EXPAIN TO DECOURE ATP	9/	A STATE OF THE PARTY OF THE PAR	
	a) Enhance attached	ACCEPTATION OF THE PROPERTY.	WA AN	
	C) Have F1 particles	The state of the s	TAME OF THE REAL PROPERTY.	
	D) all breaks up into vesicles	from of Go	olgi complex.	
137	The Cisternac bring face  A) Convex maturing face  A) Convex forming face	C) Concave forming	face	
.13.	A) Convex maturing face  B) Concaves forming face  B) Concaves following is the major adv	D) Concave maturin	g face	
	B) Concaves forming face Which of the following is the major adv	antage of using a light mi	croscope instead of an elec-	tron
	Which of the		A COM	
1.138			400	1
1.130	ana?		And 7 A02	100
1.130	microscope?  A) superior resolving power	C) observation of livi	ng matter	
1.130	microscope?  A) superior resolving power  B) Constant depth of focus	C) observation of livi D) use of very thin so	ng matter ectoins ile other organelles have	
1.130	microscope?  A) superior resolving power  B) Constant depth of focus	C) observation of livi D) use of very thin so	ng matter ectoins ile other organelles have	
1.130	microscope?  A) superior resolving power	C) observation of living D) use of very thin so y a single membrane, which one of the following is	ng matter ectoins ile other organelles have	
,100	microscope?  A) superior resolving power  B) Constant depth of focus  Some cellular organe4les are bound by membranes (envelopes around them who single membranes)  Peroxysomes, lysosome	C) observation of living D) use of very thin so y a single membrane, which one of the following is	ng matter ectoins ile other organelles have correct	
,100	A) superior resolving power  B) Constant depth of focus  Some cellular organe4les are bound by membranes (envelopes around them who single membrane A  Peroxysomes, lysosome  Chloroplast, lysosome	C) observation of living D) use of very thin so y a single membrane, which one of the following is	ng matter ectoins ile other organelles have correct Double membrane	
,100	A) superior resolving power  B) Constant depth of focus  Some cellular organe4les are bound by membranes (envelopes around them who single membrane  A Peroxysomes, lysosome  B Chloroplast, lysosome  B Chloroplast, lysosome	C) observation of living D) use of very thin so y a single membrane, which one of the following is	ng matter ectoins ile other organelles have correct Double membrane Nucleus, chloroplast	
,100	A) superior resolving power B) Constant depth of focus Some cellular organe4les are bound by membranes (envelopes around them wh Single membrane A Peroxysomes , lysosome B Chloroplast, lysosome C Nucleus, chloroplast	C) observation of living D) use of very thin so y a single membrane, which one of the following is	ng matter ectoins ile other organelles have correct  Double membrane Nucleus, chloroplast Nucleus, peroxysomes	
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CELL	The elasticity of the plasma membrane dem	onstrates that it is made up in part of
Q.144	The elasticity of the plasma membrane deli-	C) carbohydrates
Q.244	A) lipids	D) proteins
Q.145	B) nucleic acids Filaments present in flagella and cilia are	c) microfilaments
- 50	A) microfibrils	D) microvilli
	B) microtubules Which of the following structure is found in a	Il living organisms:
Q.146	Which of the following structure is	C) lysosome
	A) cell membrane	D) vacuole
	B) nucleus	at of prokaryotes in:
Q.147	B) nucleus The cell wall of plant cell is different from the A) both structure and chemical composition	c) chemical composition only     D) number of layers only
Q.148	Which of the following are present in prokary	yotic cells:
	B) chromosomes, mitochondria, nuclear city C) cytoplasm, DNA, mitochondria	VARIA VA AN II
Q.149	Which of the following is present in all eukary	C) flagellum
Ų.143	A) cell wall	D) membrane bounded organelles
	B) diploid nucleus	ant in a secretory cell than nor secretory cell
Q.150	Which of the following would be more promit	nent in a secretory cell than nor secretory cell:  C) mitochondrion
-	A) lysosome	D) ribosome
	B) Golgi complex	secretion from a cell, which rout: is it most in
2.151	When a glycoprotein is being synthesized for	secretion from a cell, which rout: is it most likely
	take?	C) RER → SER- Golgi complex
	A) Golgi complex → REF → SER	D) SER → Golgi complex → RER
	Selei compley - SER	
2.152	Which one of the following is responsible for c	C) intermediate filament
4.202	A) microtubule	D) none of them
	B) microfilament	D) none of them

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1	10.	C	11.			-	13.	D	14.	8	15.	A	16.	8
0. 8	18.	В	19.	1.	20.	C	21.		22.	•	23.	8	24.	C
7. 0	26.	A	27.	A	28.	C	29.	A	30.	D	31.	8	32.	D
5. 8	34.	D	35.	C	36.	C	37.	A	38.	C	39.	٨	40.	C
3. D	42.	C	43.	C	44.	D	45.	Δ	46.	0	47.	0	49.	D
1.	50.	8	51.	D	52.	D	53.	C	54.	D	55.	C	56.	0
9. A	58.	D	59.	D	60.	8	61.	C	62.	D	63.	D	64.	C
7.	66.	A	67.	D	68.	D	69.	A	70.	C	71.	D	72.	D
5-	74.	A	75.	8	76.	C	77.	D	78.	D	79.	D	so.	A
3.	4.7	В	83.	4	84.	C	85.	Bo	86.	C	87,	0	88.	n
1.	0.0	A	91.	D	92.	6	93.	C	94.	n	95.	D	96.	D
	0.0	В	99.	Α	100.	C	101.	A	102.	C	103.	C	104.	A
	106	В	107.	D	108.	8	109.	D	110.	B	111.	8	112.	A
05. A	114.	В	115.	A	116.	A	117.	C	118.	C	119.	8	120.	C
13. D		C	123.	D	124.	В	125.	Α	126.	A	127.	C	128.	A
29. D	130.	B	131.	D	132.	D	133.	D	134.	A	135.	D	136.	O
37. D	138.	C	139.	A	140.	D	141.	D	142.	В	143.	В	144.	A
45. C	146.	D	147.	D	148.	D	149.	В	150.	В	151.	C	152.	8

		Ball Mon	6
-	By parasympathetic nervous system.	C) Heart beat is not initiated	1
Q.1	A) Heart beat is increased	D) Heart beat is not affected	0
	B) Heart beat is decreased		
	Myelin sheath:	C) begin to form after birth	n.F.
Q.2	A COLUMN TO A STATE OF THE STAT	D) do not act as an insulator	0
	A) Is a part of neurons     B) is made up of lipid - protein complex		
	Neurons are	C) consists of two parts axons and dendrites  D) similar considerably in size and shape	
Q.3	A) mostly myelinated	D) similar considerably in size and shape	0.5
	B) found only in brain	shape es	
			0.2
Q.4	Axons are:  A) usually carry impulse towards the cell bo	to brain	d.
	A) usually carry impulse towards the centre     B) few millimeter to several meters in length	I III Diam	
	C) contain mitochondria only		0.1
	C) contain interiorists	as produced in	0.
	D) cytoplasmic processes Oxytocin and antidiretic hormones (ADI	C) Hypothalamus	
Q.5	Oxytocin and arrival	D) All of these	0.2
	A) pituitary gland     B) posterior lobe of pituitary	D) All of these	0.
	Dorsal roots contain	C) axons of motor neurons	
Q.6	A) cell bodies of sensory neurons	D) none of these	
	B) axons of sensory neurons		0.2
	B) axons of sensory neurons The normal speed of nerve impulse in h	C) 120 ms <sup>-1</sup>	4
Q.7	The normal spects of	mt of those	
	A) 100 ms <sup>-1</sup>	D) none of these	0.24
	8) 140 ms <sup>-1</sup> Classification of neurons as sensory mo	tor and relay fledibilis is	
Q.8	A) Physiological classification of neurons	C) Classification of neurons based upon size	
	B) Anatomical classification of neurons	D) none of these	0.2
	Number of spinal nerves in man.	The state of the s	
Q.9		C)12 pairs	
	A)31 pairs	D)29 pairs	Q.20
	B)32 pairs Cerebellum of brain is concerned with.		200
Q.10	A) Balancing during sitting	C) Balancing during active movement	
	a distribution of putertilar movements	D) Initiation of muscular contraction	
	and the for reflex action is two	nd in.	Q.2
Q.11	A) Dorsal root ganglion of spinal nerve		83.50
		D) Gray matter of spinal cord	
	W New Involves speciality	ed cells or neurons linked together directly or via	Q.2
Q.12	the central nervous system, to form net	WOLK CHEC COMMONDE	14.42
	the central nervous system,	C) Receptors and Effectors	
	A) Receptor and neurons	D) CNS and effectors	Q.2
	B) Receptors and CNS	nd conduct impulses which travel across the:	
Q.13	A) Synapse and pass from the receptors to e	ffectors	
	A) Synapse and pass from the receptors to re	centors	Q.3
	B) Effectors and pass from the synapse to re	centor	
	C) Synapse and pass from the effectors to re	effectors	
	D) Receptors and pass from the synapse to e	cale in coordination are:	
Q.14	The elements of nervous system which h	C) CNS and DNS	
	A) Receptors, neurons and effectors	C) CNS and PNS	
	B) Motor, sensory and associative neurons	D) Brian and spinal cord	Q.3
2.15	The receptors for smell, taste and for blo	ood CO2, blood oxygen, blood glucose, blood	
	amino acids and blood fatty acids are:		
	A) Mechanoreceptors	C) Nociceptors	Q.
	B) Chemoreceptors	D) Thermoreceptor	
2.16	The example of chemoreceptors is:		
	A) Eyes	C) Stray ending	
70	B) Nose	D) Rods and cones	đ:
		D) Rous and Cones	

	(NATION AND CONTROL (nervous and chemical	EVCERT
-	All are the examples of mechanoreceptors	C) Star
/	. Free III	
	g) Expanded tip ending	D) Rods and cones
	B) Expanded tip ending	
D	- Hypothare	C) Expanded tip ending
	B) Tongue	D) Rods and cones
	B) Tongue These respond to stimuli of light:	
,	chanoleccpto.	C) Chemoreceptors
		D) Undifferentiated ending
	-aceptois citation and in individual	are:
0	- nerve ellulli,	C) Rods and cones
	consider the change	
	Impulse is sent by the motor neurons to	D) Stray nerve ending
1	A) Receptors	C) Muscles
	A) Receptors	,
	B) Effectors	D) Glands
2	The sensations of are detected by modificendings.	ed sensory neurons having naked nerve
	endings.	TO VIE
	A) Heat and cold	C) Touch and pain
-	B) Pain and cold	D) Pain was a second
3	The sensations of are detected by modifi	ed sensory neurons
	A) Touch, pressure, hear, cold and pain	C) Hearing, taste, body position and smell D) Pressure, pain that
	B) Touch, pressure, hearing, taste and pain	D) Pressure, pain, taste, touch and smell
4	Specialized cellular corpuscles detect the	sensation of:
100	A) Pressure, touch and pain	C) Pressure, vision and hearing
	B) Pressure, heat and cold	
5	The chief structural and functional units	D) Pressure, taste and touch
_	A) Cell bodies	C) Neurons
	C) Axons	D) Passata a seri
26	play a vital role in the nutrit	D) Receptors & Effectors ion of neurons and their protection by my
20	sheath.	on or neurons and their protection by my
	A) Soma	THE PARTY AND TH
	B) Cell body	C) Neuroglia
		D) Dendrites
27	There are functional types of neurons.	Carried Management of the Carried Management
	A) Two	C) Four
	B) Three	D) Five
28	The of certain brain cells branch profuse	ly, giving cell a tree like appearance.
	A) AXUIS	C) Dendrites
	B) Cell bodies	D) Soma
29	Many granules are present in the:	
	A) Cell body	C) Axon
	C) Dendrites	D) Cell bodies and dendrites
30	The simple reflex circuit includes each o	f the four elements of a neural pathway wh
	are respectively:	the rour elements of a neural pathway wh
	A) Sensory neuron, associative neuron, mol	for neuron and muscles
	B) Sensory neuron, motor neuron, associati	No neuron and muscles
	C) Sensory neuron motor neuron associati	ve neuron and glands
	C) Sensory neuron, motor neuron, associati	ve neuron and muscles
31	D) Associative neurons, sensory neurons, m	otor neurons and muscles
	The sensory neurons 2 endings in the: h	
	B) Ears	C) Skin
32		D) Nose
	leaumo	in the skin and * Pain sensitive in the spin
	A) Short fibre	C) Thick fibre
33	b) Long fibre	D) Thin fibre
-3	and co I to the brain; Iry signale	so on accoclative neurons not involved to a
	the danger	C) Informing it of the Situation
	B) Informing it of the tranquil position	D) Informing it of the confusion
	and didnigan position	b) Intoming it of the comusion

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Q.34	Nerve impulse is a way	nervous and chemical coordination) GRIP ENTRY TEST BOOK 12,000+ Question Sen
	neuron involving acros	re of electrochemical change, which travels along the length of movement of elements
	A) Chemical] reactions an	ad movement of elements
	B) Chemical reactions and	t movement of molecules
	C) Physical actions and m	ovement of ions
	D) Chemical reactions and	
Q.35	<b>Human nervous system</b>	( ) ( Philanzeu nei vous sveta-
	<ul> <li>A) Diffused nervous system</li> </ul>	D) Peripheral nervous system
	B) Primitive nervous syste	nd from the brain and controls reflex activities:
Q.36		C) CNS
	A) Brain	D) PNS
0.77	B) Spinal cord	that control the activities of muscles and glands:
Q.37		C) Brain
	A) Sensory neurons	D) Motor neurons
2.38	It controls involuntary for	esponses by influencing organs, glands and smooth me
4.50	A) Somatic nervous system	esponses by influencing organs, glands and smooth musde
	.,	D) Peripheral nervous system
2.39	The CNS consists of brain	and spinal cord, which are both protected in:
	A) Two ways	C) FOO! Ways
	S) Three ways	D) Five ways
.40 v	which is a part of skull, p	rotects the brain.
	) Meninges	C) CSF
-	10	D) Vertebral columns
41 T	he brain and spinal cord	are also protected by layers of meninges.
	) Single	c) Triple
B	Double	D) Tetra
42 N	erve cell do not divide be	ecause they do not have
	Nucleus A	C) Mitochondria
BI	Centrosomes	D) Golgi apparatus
43 Ce	rebrospinal fluid is simil	ar in composition to:
	Blood	C) Serum
8)	Placma	D) Lymph
bot	th sensory and motor n	vity of some cells in the brain leading to chaotic active serves causes patients of to see and hear different st
	ngs:	C) Parkinson's Disease
	pilepsy	W. W. To
5) A	Izheimer's Disease	D) Huntington's Disease
Part		ole for the balance and equilibrium of body is called:
	ledulla	C) Cerebellum
A) M		
A) M B) Po	ons	D) Thalamus
A) M B) Po Hum	ons lans have homeostatic ti	hermostat present in a specified portion of the brain the
A) M B) Po Hum A) La	ons lans have homeostatic ti teral ventricle	hermostat present in a specified portion of the brain the C) Thalamus
A) M B) Po Hum A) La	ons lans have homeostatic ti	hermostat present in a specified portion of the brain that
A) M B) Po Hum A) La B) Sp	ons lans have homeostatic to lteral ventricle linal cord	hermostat present in a specified portion of the brain the C) Thalamus  D) Hypothalamus
A) M B) Po Hum A) La B) Sp The o	ons lans have homeostatic to teral ventricle linal cord disease in which death o	hermostat present in a specified portion of the brain the C) Thalamus  D) Hypothalamus
A) M B) Po Hum A) La B) Sp The o	ians have homeostatic to teral ventricle imal cord disease in which death of lect and initiate patters	hermostat present in a specified portion of the brain that C) Thalamus D) Hypothalamus of small number of cells in the basal ganglia leads to income
A) M B) Po Hum A) La B) So The o to sei	ians have homeostatic to teral ventricle imal cord disease in which death of lect and initiate patters fer	c) Thalamus  D) Hypothalamus  of small number of cells in the basal ganglia leads to income of movement is known as:  C) Alzheimer's disease
A) M B) Po Hum A) La B) Sp The o to sei A) Fev B) Epil	ians have homeostatic to teral ventricle final cord disease in which death of lect and initiate patters fier	c) Thalamus D) Hypothalamus of small number of cells in the basal ganglia leads to instant of movement is known as: C) Alzheimer's disease D) Parkinson's disease
A) M B) Po Hum A) La B) Sp The o to sei A) Fev B) Epil A neu	ians have homeostatic to teral ventricle sinal cord disease in which death of lect and initiate patters ver lepsy rological disorder chara	c) Thalamus D) Hypothalamus of small number of cells in the basal ganglia leads to instead of movement is known as: C) Alzheimer's disease D) Parkinson's disease ecterized by the decline in brain function is
A) M B) Po Hum A) La B) Sp The o to sei A) Fev B) Epil A neu sympt	ians have homeostatic to teral ventricle inal cord disease in which death of lect and initiate patters fer lepsy rological disorder chara- toms are similar to those	c) Thalamus D) Hypothalamus of small number of cells in the basal ganglia leads to instead of movement is known as: C) Alzheimer's disease D) Parkinson's disease ecterized by the decline in brain function is ediseases that cause dementia:
A) M B) Po Hum A) La B) Sp The o to sei A) Fev B) Epil A neu sympt A) Park	ans have homeostatic to teral ventricle imal cord disease in which death of lect and initiate patters lepsy rological disorder chara- toms are similar to those inson's disease	c) Thalamus D) Hypothalamus of small number of cells in the basal ganglia leads to instance of movement is known as: C) Alzheimer's disease D) Parkinson's disease ecterized by the decline in brain function is e diseases that cause dementia: C) Epilepsy
A) M B) Po Hum A) La B) So The o to sei A) Fev B) Epil A neu sympt A) Park B) Alzh	ians have homeostatic to teral ventricle inal cord disease in which death of lect and initiate patters ver lepsy rological disorder chara ioms are similar to those inson's disease eimer's disease	c) Thalamus D) Hypothalamus of small number of cells in the basal ganglia leads to instead of movement is known as: C) Alzheimer's disease D) Parkinson's disease ecterized by the decline in brain function is e diseases that cause dementia: C) Epilepsy D) Diabetes
A) M B) Po Hum A) La B) So The o to sei A) Fev B) Epil A neu sympt A) Park B) Alzhi A disch	ians have homeostatic to teral ventricle inal cord disease in which death of lect and initiate patters lepsy rological disorder chara ioms are similar to those inson's disease eimer's disease harge by brain which ca	c) Thalamus D) Hypothalamus of small number of cells in the basal ganglia leads to instead of movement is known as: C) Alzheimer's disease D) Parkinson's disease octerized by the decline in brain function is e diseases that cause dementia: C) Epilepsy D) Diabetes uses chaotic activity in motor and sensory areas is:
A) M B) Po Hum A) La B) Sp The o to sel A) Fev B) Epil A neu sympt A) Park B) Alzh A disch	ians have homeostatic to teral ventricle inal cord disease in which death of lect and initiate patters lepsy rological disorder chara ioms are similar to those inson's disease eimer's disease harge by brain which can	c) Thalamus D) Hypothalamus of small number of cells in the basal ganglia leads to instead of movement is known as: C) Alzheimer's disease D) Parkinson's disease octerized by the decline in brain function is e diseases that cause dementia: C) Epilepsy D) Diabetes uses chaotic activity in motor and sensory areas is: C) Alzheimer's disease
A) M B) Po Hum A) La B) Sp The o to sei A) Fev B) Epil A neu sympt A) Park B) Alzh A disch J) Meni E) Epile	ians have homeostatic to teral ventricle inal cord disease in which death of lect and initiate patters lepsy rological disorder chara ioms are similar to those inson's disease eimer's disease earge by brain which can objets	c) Thalamus D) Hypothalamus of small number of cells in the basal ganglia leads to instead of movement is known as: C) Alzheimer's disease D) Parkinson's disease octerized by the decline in brain function is e diseases that cause dementia: C) Epilepsy D) Diabetes uses chaotic activity in motor and sensory areas is: C) Alzheimer's disease D) Parkinson's disease
A) M B) Po Hum A) La B) Sp The o to sei A) Fev B) Epil A neu sympt A) Park B) Alzh A disch A) Meni B) Epile	ans have homeostatic to teral ventricle inal cord disease in which death of lect and initiate patters lepsy rological disorder chara- oms are similar to those comes of sease eimer's disease eimer's disease harge by brain which can objects	c) Thalamus D) Hypothalamus of small number of cells in the basal ganglia leads to instead of movement is known as: C) Alzheimer's disease D) Parkinson's disease octerized by the decline in brain function is e diseases that cause dementia: C) Epilepsy D) Diabetes uses chaotic activity in motor and sensory areas is: C) Alzheimer's disease D) Parkinson's disease
A) M B) Po Hum A) La B) Sp The o to sei A) Fev B) Epil A neu sympt A) Park B) Alzhi A disch A) Meni B) Epilei	ians have homeostatic to teral ventricle inal cord disease in which death of lect and initiate patters let and initiate patters lepsy rological disorder chara loms are similar to those lemen's disease learge by brain which can orgitis psy neurons carry sign	c) Thalamus D) Hypothalamus of small number of cells in the basal ganglia leads to instead of movement is known as: C) Alzheimer's disease D) Parkinson's disease cterized by the decline in brain function is ediseases that cause dementia: C) Epilepsy D) Diabetes uses chaotic activity in motor and sensory areas is: C) Alzheimer's disease D) Parkinson's disease D) Parkinson's disease
A) M B) Po Hum A) La B) Sp The o to sei A) Fev B) Epil A neu sympt A) Park B) Alzh A disch A) Meni B) Epile	ans have homeostatic to teral ventricle inal cord disease in which death of lect and initiate patters ler lepsy rological disorder chara- oms are similar to those coms of disease eimer's disease earge by brain which can ongitis psy neurons carry sign	c) Thalamus D) Hypothalamus of small number of cells in the basal ganglia leads to instead of movement is known as: C) Alzheimer's disease D) Parkinson's disease octerized by the decline in brain function is ediseases that cause dementia: C) Epilepsy D) Diabetes uses chaotic activity in motor and sensory areas is: C) Alzheimer's disease D) Parkinson's disease D) Parkinson's disease

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ORDI		12,000+ Question Bank
	DC: Y	- St did riminal
	anathetic	c) raidsympathetic
1	A) Sympomic	D) Somatic
	A) Symposic  B) Autonomic  The gap between neurons and sarcolemn	ma is:
	OOP	C) Synapses
;2	A) Synapse  B) Neuromuscular junction  B) neuron enter the spinal cord thr	D1 • ·
	-AFV III	ough;
3	A) Dorsal root	C) Ventral root
	B) Dorsal horn  B) Corebral hemisphere controls	D) Ventral horn
	B) Dorsal horn The left cerebral hemisphere controls	side of the body
4	The left con	C) Left
	A) Right	D) None of the above
	B) Lateral Medulla controls	- / Home of the above
55	Medulia Corre	C) Heart rate
	A) Breathing	D) All of the
	B) Blood pressure	D) All of the above
6	The cell membrane is virtually impermen	C) Many
	A) Ca++	C) Mg++
	n) Na*	D) K+
57	The process of opening of ital gates an	nd diffusion of Na+ into cell till the restoration
	resting membrane potential takes:	WILLIAM DISC CONT.
	A)1-2 milliseconds	C) 2-3 milliseconds
	B)3-4 milliseconds	D) 1 milliseconds
58	Which neurotransmitter is not involved	d in synaptic transmission within the brain a
	spinal cord?	CONTRACTOR OF THE PARTY OF THE
	A) Adrenaline	C) Dopamine
	B) Serotonin	D) Acetylcholine
59	Neurosecretory cells are present in:	
-	A) Pons	C) Midbrain
	B) Hypothalamus	D) Cerebellum
60	It is the material in the brain & spinal c	ord which contains the axons and myelin
00	sheathes of nerve cells:	ALLOW SEEDS OF THE PERSON NAMED IN COLUMN TO
	A) White matter	C) Gray matter
	B) Yellow matter	D) None of these
61	Which structures would not be innervat	ted by the sympathetic nervous system?
01	A) Skeletal muscles	C) Glands
	B) Smooth muscles	D) Cardiac muscles
62	The number of nerves in a human is:	
62	A) 86	C) 43
		D) 12
	B) 33 The CSF is similar in com position to:	
63		C) Synovial fluid
	A) Dialyzing fluid	D) Blood plasma
	B) Nucleus pulposus	system that induces the "flight or fight" respons
64		
	is the	C) Parasympathetic
	A) Sympathetic	D) Somatic nerve
	B) Vagus nerve	e) is directly proportional to stimulus;
65	Frequency of action potential (Impulse	C) Intensity
	A) Nature	D) Any of above
	B) Frequency	D) Ally of doore
66		C) Names
	A) Neurons	C) Nerves
	B) Canalia	D) Both b & c
.67		system causes:
versal /	A) Disturbance of vision	C) Constipation
	B) Decrease in blood pressure	D) Increase in heart rate
	DI DELITERSE IN DIDOU DI COSOTIC	

-		12,000+ Question
Q.58	Which structures respond who	12,000+ Question
	neuron?	C) Responses
		D) Transduction
	by Effectors	
0.05		
	A) Carabrum	D) Hypothalamus
	E) Meaule	D) Hypothalamus terized by involuntary tremors, diminished motor C) Parkinson's disease
Q.76	A neurological continue	motor motor
	A) fipliepsy	C) Parkinson's disease
	#11 #1 shake improfe dispetable	D) Cerebellar tumors
Q.71	The number of cranial nerves in	humans is:
4.7	A) 31 pairs	
		D) 62 pairs
Q.72	The part of brain which controls	breathing, heart rate and swallowing is: C) Cerebellum
	A) Cerebrum	D) Hypothalamus
	B) Medulie	anth of brain cells that produce:
Q.73		eath of brain cells that produce:  C) Acetylcholine
1-11-1	A) Dopamine	D) Oxytocin
	E) ADH hormone	THE WOLDS THE COLUMN TO THE CO
	Thalamus and cerebrum are the p	C) Fore brain
	A) Spinal cord	D) Mid brain
	E) hind brain	th levels of may contribute to the or
Q.75	There is also evidence that the	Company of the compan
,	Alzheimer & discourse.	C) Mg
41	() Ca	D) Al
700 1	-dopa or Levo-dopa is used to ge	t some relief from:
	) Epilepsy	C) . Limited
414	A A Laborator of the Allen All	D) Dementia
	he right and left cerebral hemis	pheres are connected by a thick band of nerve
	alled:	
	Medulia	C) Corpus collasum
275 5	Dane of Marie and	D) Hippocampus
-	e part of the brain which guide	es smooth and accurate motions and maintain
	sition is called?	Ell Con
	Cerebrum	C) Cerebellum
	Phone :	D) Medulla
THE RESERVE AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IN COLUMN TO THE PERSON NAMED IN COLUM	hich one of the following is the el	ffect of sympathetic nervous system?
79 WI	Constriction of bronchi	C) Decrease in heart rate
E2 1	promotos dinection or peristalsis	D) Dilates the pupil
	th levels of aluminimum may con	tribute to the onset of which one of the follow
		C) Epilepsy
	Parkinson's disease	D) Gonorrhea
100	Alzheimer's disease Ich disease is responsible for der	
		C) Alzheimer's disease
	Parkinson's disease	D) Graves' disease
B) E	pliepsy	
T Marie		se outside the central nervous system is:
	opamine	C) Polypeptide
	ndrogen	D) Acetylcholine
A) D		om one node of Ranvier to another in my
A) D	duction of action potentials fro	
A) D B) Ar	duction of action potentials fro ons is through:	
A) D B) Ar Cond	ons is through:	
A) D B) An Cond neur A) Hy	perpolarization	C) Resting membrane potential
A) Do B) An Cond neur A) Hy B) De	perpolarization polarization	C) Resting membrane potential D) Saltatory conduction
A) Do B) An Cond neuro A) Hy B) De In the	ons is through: perpolarization polarization e following diagram of action po	C) Resting membrane potential D) Saltatory conduction stential in a neuron, "x" depicts:
A) Do B) An Cond neurn A) Hy B) De In the A) Dep	perpolarization polarization	C) Resting membrane potential D) Saltatory conduction

COORDINATION AND CONTROL (nervous and chemical coordination) GRIP ENTRY TEST BOOK SERIES 12,000+ Question Bank Membrane Potential (mv) 50 0 -50 -100 Time (milliseconds) Fear can easily turn to aggression, this is because the two centers lie nearby in; Q.85 C) Cerebral hemispheres B) Amygdala D) Medulla Which one of the following ion cause depolarization of neuronal membrane Q.86 A) Na C) K B) Ca D) both a and b The function of medulla is to control; Q.87 A) Hearing C) Flight B) memory storage D) Heart rate What is not the effect of sympathetic nervous system; Q.88 A) Whitening of skin C) Inhibition of peristalsis B) Constriction of bronchi D) Contraction of spleen Unidirectional transmission of nerve impulse through the nerve is due to fact of Q.89 A) Nerve fiber is insulated by mylinated sheath B) Sodium pump start operating only at the cyton and then continuous into the nerve fibers C) Neurotransmitters are released from the dendrites and not by the axon D) Neurotransmitters are released from axon endings not by dendrites Q.90 Which one of the following does not act as neurotransmitter A) Cortisone C) Epinephrine B) Nor epinephrine D) adrenaline 0.91 Nessils granules are absent in A) Axon C) cyton B) Dendrites D) Schwann cells Q.92 Nicotine mimics the effect of neurotransmitter; A) Acetyl choline C) Morphine B) Nor-adrenaline D) Serotonin Neurotransmitters are in their nature; A) Neither ecitatory nor inhibitory C) Excitatory B) Inhibitory D) Either excitatory or inhibitory Q.94 Which one of the following ion cause repolarization of neuronal membrane A) Na C) K B) Ca D) both a and b Receptor site for neurotransmitters are A) Presynaptic membrane C) Post synaptic membrane B) synaptic vesicles D) tips of axon Q.96 The part of neuron which carry message away from cell body is: A) Dendron C) Dendrite B) Axon D) Peripheral branch Q.97 The part of brain which controls breathing, heart rate and swallowing is: A) Cerebrum C) Cerebellum B) Medulla D) Hypothalamus 8e.9 The structures which respond when they are stimulated by impulse coming through motor neuron are: A) Effectors C) Receptors B) Responsers D) Transducers GRIP INSTITUTE - THE BEST INSTITUTE FOR ENTRY TESTS PREPARATION 217

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	activity of sor	nationts of to see and hear differently
Q.99	Random, uncontrolled actives cau	ne cells in the brain leading to chaotic activity ses patients of to see and hear different stran
K. T. Called	both sensory and motor	C) Parkinson's Disease
	things:	C) Parkings to ale Disease
	A) Epilepsy	balance and equilibrium of body is called:  C) Cerebellum  D) Thalamus
	B) Alzheimer's Disease	balance and equilibrium of body is called:
0 100	Part of hind brain responsible for the	C) Cerebellum
Q.100	A) Medulla	D) Thalamus
	A) Pressure	present in a specified portion of the brain that is  C) Thalamus  D) Hypothalamus
100 100 200	b) Polis	C) Thalamus
Q.101	Humans have ride	D) Hypothalamus
	A) Lateral ventricle	has of cells in the basal ganglia leads to install
	B) Spinal Coru	umber of cells in the basal ganglia leads to Inabil ment is known as:
Q.102	The disease in which death of small no to select and initiate patters of move	C) Alzheimer's disease
	to select and illitiate	C) Alzhennes disease
	A) Fever	D) Parkinson's discussion is
	A) Fever B) Epilepsy A neurological disorder characterized A neurological disorder to those disease	by the decline in brain function is
0.103	A neurological disorder characteristics	s that cause dementia.
	evmptonis are similar	C) Epileps
	A) Parkinson's disease	D) Diabetes
	B) Alzheimer's disease	D) Diabetes  notic activity in motor and sensory areas is:  C) Alzheimer's disease
0 104	A discharge by brain which causes the	C) Alzheimer's disease
Q.104		
	B) Epilepsy	CNS to muscle and glands  C) Associate
	neurons carry signal from	C) Associate
Q.105		as all of the above
	A) Sensory	during rest and ruminations  C) Parasympathetic
	B) Motor	during rest and testic
Q.106		
	A) Sympathetic	D) Somatic "flight or fight" response
	B) Autonomic nervous	system that induces the many
Q.107	The branch of the autonomic	D) Somatic system that induces the "flight or fight" response
	is the	C) Parasympathetic
	A) Sympathetic	D) Somatic nerve
	B) Vagus nerve	nses is which lie outside the cent
0 108	The main neurotransmitter for synch	pses is which lie outside the cent
Q.100	nervous system.	C) Choline
	A) Acetylcholine	D) Phosphatidylcholine
	B) Acetaldehyde	D) Thospital
	DI ALCONO.	i-b only involves.
	The reflex action is the phenomena wil	C) Pacentors effectors and spinal cord
Q.109	B) Acetaldehyde The reflex action is the phenomena wh	C) Receptors effectors and spinal cord
Q.109	The reflex action is the phenomena with A) Receptors and effectors	C) Receptors effectors and spinal cord D) Receptors neurons brain
Q.109	A) Receptors and effectors  B) Brain receptors spinal cord	C) Receptors effectors and spinal cord D) Receptors neurons brain of sodium ions in the neurons increases due to.
Q.110	Receptors and effective     B) Brain receptors spinal cord     In an action potential the permeability	of sodium ions in the neurons increases due to.  C) Sodium ions forming an ionic bonding
Q.110	Receptors and effective     B) Brain receptors spinal cord     In an action potential the permeability	of sodium ions in the neurons increases due to.  C) Sodium ions forming an ionic bonding
Q.110	Receptors and effective     B) Brain receptors spinal cord     In an action potential the permeability	of sodium ions in the neurons increases due to.  C) Sodium ions forming an ionic bonding
Q.110	Receptors and effective     B) Brain receptors spinal cord     In an action potential the permeability	of sodium ions in the neurons increases due to.  C) Sodium ions forming an ionic bonding
Q.110 Q.111	A) Receptors and effective B) Brain receptors spinal cord In an action potential the permeability A) Repolarization B) The opening of sodium channels/gates Acetylcholine and noradrenaline are	of sodium ions in the neurons increases due to.  C) Sodium ions forming an ionic bonding
Q.110 Q.111	A) Receptors and effective B) Brain receptors spinal cord In an action potential the permeability A) Repolarization B) The opening of sodium channels/gates Acetylcholine and noradrenaline are system.	of sodium ions in the neurons increases due to.  C) Sodium ions forming an ionic bonding  D) The action of the acetylcholinesterase enzymetwo types of used in our nervo
Q.110 Q.111	A) Receptors and effective B) Brain receptors spinal cord In an action potential the permeability A) Repolarization B) The opening of sodium channels/gates Acetylcholine and noradrenaline are system.	of sodium ions in the neurons increases due to.  C) Sodium ions forming an ionic bonding  D) The action of the acetylcholinesterase enzymetwo types of used in our nervo
Q.110 Q.111	A) Receptors and effective B) Brain receptors spinal cord In an action potential the permeability A) Repolarization B) The opening of sodium channels/gates Acetylcholine and noradrenaline are system. A) Enzymes B) Channel and carrier proteins in the cell n	of sodium ions in the neurons increases due to.  C) Sodium ions forming an ionic bonding  D) The action of the acetylcholinesterase enzyme  two types of used in our nervo
Q.110 Q.111	A) Receptors and effective B) Brain receptors spinal cord In an action potential the permeability A) Repolarization B) The opening of sodium channels/gates Acetylcholine and noradrenaline are system. A) Enzymes B) Channel and carrier proteins in the cell n	of sodium ions in the neurons increases due to.  C) Sodium ions forming an ionic bonding  D) The action of the acetylcholinesterase enzyme  two types of used in our nervo
Q.110 Q.111	A) Receptors and effective B) Brain receptors spinal cord In an action potential the permeability A) Repolarization B) The opening of sodium channels/gates Acetylcholine and noradrenaline are system. A) Enzymes B) Channel and carrier proteins in the cell not only the content of the cell not only the content of the cell not only the ce	of sodium ions in the neurons increases due to.  C) Sodium ions forming an ionic bonding  D) The action of the acetylcholinesterase enzyme  two types of used in our nervo
Q.110 Q.111	A) Receptors and effective B) Brain receptors spinal cord In an action potential the permeability A) Repolarization B) The opening of sodium channels/gates Acetylcholine and noradrenaline are system. A) Enzymes B) Channel and carrier proteins in the cell not only the coll not only the cell not only	of sodium ions in the neurons increases due to.  C) Sodium ions forming an ionic bonding  D) The action of the acetylcholinesterase enzymetwo types of used in our nervolumentary of a neurone  mpulses travel to the brain along the sensor
Q.110 Q.111 Q.112	A) Receptors and effective B) Brain receptors spinal cord In an action potential the permeability A) Repolarization B) The opening of sodium channels/gates Acetylcholine and noradrenaline are system. A) Enzymes B) Channel and carrier proteins in the cell not only the coll not only the cell not only	of sodium ions in the neurons increases due to.  C) Sodium ions forming an ionic bonding  D) The action of the acetylcholinesterase enzymetwo types of used in our nervolumentaries of a neurone  mpulses travel to the brain along the sensor
Q.110 Q.111 Q.112	A) Receptors and effective B) Brain receptors spinal cord In an action potential the permeability A) Repolarization B) The opening of sodium channels/gates Acetylcholine and noradrenaline are system. A) Enzymes B) Channel and carrier proteins in the cell not only the coll not only the cell not only	of sodium ions in the neurons increases due to.  C) Sodium ions forming an ionic bonding  D) The action of the acetylcholinesterase enzymetwo types of used in our nervolumentaries of a neurone  mpulses travel to the brain along the sensor
Q.110 Q.111 Q.112	A) Receptors and effective B) Brain receptors spinal cord In an action potential the permeability A) Repolarization B) The opening of sodium channels/gates Acetylcholine and noradrenaline are system. A) Enzymes B) Channel and carrier proteins in the cell not only the coll not only the cell not only	of sodium ions in the neurons increases due to.  C) Sodium ions forming an ionic bonding  D) The action of the acetylcholinesterase enzyme  two types of used in our nervo  membrane of a neurone  C) Resting potential
Q.110 Q.111 Q.112	A) Receptors and effective B) Brain receptors spinal cord In an action potential the permeability A) Repolarization B) The opening of sodium channels/gates Acetylcholine and noradrenaline are system. A) Enzymes B) Channel and carrier proteins in the cell not only the coll not only the cell not only	of sodium ions in the neurons increases due to.  C) Sodium ions forming an ionic bonding  D) The action of the acetylcholinesterase enzyme  two types of used in our nervo  membrane of a neurone  C) Resting potential
Q.110 Q.111 Q.112	A) Receptors and effective B) Brain receptors spinal cord In an action potential the permeability A) Repolarization B) The opening of sodium channels/gates Acetylcholine and noradrenaline are system. A) Enzymes B) Channel and carrier proteins in the cell not concern the cell not concern the cell not concern. C) Neurotransmitters D) Hormones If stimulation is above	of sodium ions in the neurons increases due to.  C) Sodium ions forming an ionic bonding  D) The action of the acetylcholinesterase enzyme two types of used in our nervo  membrane of a neurone  C) Resting potential  D) Threshold  f Ranvier to the next in a myelinated neuron
Q.110 Q.111 Q.112	A) Receptors and effective B) Brain receptors spinal cord In an action potential the permeability A) Repolarization B) The opening of sodium channels/gates Acetylcholine and noradrenaline are system. A) Enzymes B) Channel and carrier proteins in the cell not only the coll not only the cell not only	of sodium ions in the neurons increases due to.  C) Sodium ions forming an ionic bonding  D) The action of the acetylcholinesterase enzyme  two types of used in our nervo  membrane of a neurone  mpulses travel to the brain along the senso

OR	In nervous system chemical mes  A) Neurotransmitter's  A) Chemoreccptores	t chemical coordination) GRIP ENTRY TEST BOOK SERIES 12,000+ Question Bank
cou.	system chemical mes	sengers are called
	In nervous smitter's	C) Hormones
2.114	A) Neurottercotores	D) Enzyme
50	a) Che codium ions are pum	ped out in response to two potassium ions transporte
.45	How membrane?	to two potassium ions transporte
2.115	How many soulding How many sou	C) 3
	. 7	D) 1
	B) 4 Repolarization occurs when. A) Na+ moves outside axon A) Na+ moves inside axon	The second of the second secon
.16	A) Na+ moves outside axon	C) K+ mau
.110	A) Na+ moves inside axon  B) Na+ moves inside axon  the transmission of nerve	C) K+ moves outside axon
	B) Na+ moves	D) K+ moves inside axon
117	puring the the plasma membra	impulse through a nerve fibre the potential on the ne has which type of electric charge.
.11.	inner side of the pregative and co	ne has which type of electric charge.
	A) First positive then negative and co	ontinue to be negative
	A) First positive then positive and co     B) First negative then pegative and acceptance the pegative then positive and acceptance the pegative then pegative the pegative the pegative the pegative then pegative the pegativ	gain hards to be positive
		yalli DdCk to nositive
	D) First negative then positive and a	gain back to negative
	The diagram illustrates a nerve co	ell. It can be correctly identified as.
,110	Aller .	
	3 Kr	
		一个是一种的"一种"的"一种"。
		ARTINIA ARE VIRE
	3	
	767	The state of the s
	Success neuron	C) Oligodendrocyte
	A) Sensory neuron	D) Interneuron
	B) Motor neuron In central nervous system are for	und.
119	In central her vous system are re-	C) Intermediate and secondary neurons
	A) MOIDI dila serissi	D) Only intermediate neurons
	B) Motor and intermediate neurons	mple of conditioned reflex?
120	Which of the following is the exa	a peodle
	A) Hand Williams Wile Pierre	Direction of the second of the
	B) Eyes closed when anything enter i	d in alimentany
	C) During digestion food goes forward	d in aimentary
	D) Trained dog salivates when you rin	ng a beil
121	The human hind brain comprises t	three parts one or which is.
-0 A	A) Cerebellum	C) Spinal Cord
	B) Hypothalamus ,	D) Corpus callosum
122	Selective weed killer	as a spiriture abaness agotic agid
	A) Naphthalene acetic acid	C) 2,4 Dichloro phenoxy acetic acid
		D) None of Ihese
123	which of the following plant horm	ones are commercially obtained from fungal cultures?
123	A) Gibberellins	C) Absence and
	B) Cytokinins	D) Ethene
	and a statement	is correct?
	/ Times	THUIE BUUINGUITE EITE
- 9	Pain receptors are nearly 27 times     pain receptors are nearly 10 time n	nore abundant than cold receptors
- 1		
	D) cold receptors are nearly 27 times	units of the nervous system are
	i diametica	C. C. humana colls
	D) cold receptors are nearly 27 times to The chief structural and functional	C) Schwann cens
25	The chief structural and functional  A) Neuroglia	0,
25	The chief structural and functional  A) Neuroglia  B) Neurons	D) both a and b
25	The chief structural and functional  A) Neuroglia	D) both a and b
26	The chief structural and functional  A) Neuroglia  B) Neurons	D) both a and b  C) Golgi apparatus
26	The chief structural and functional A) Neuroglia B) Neurons Nissl's granules consists of A) Ribosomes B) Rough endoplasmic reticulum	C) Golgi apparatus D) Both a and b
26	The chief structural and functional A) Neuroglia B) Neurons Nissl's granules consists of A) Ribosomes B) Rough endoplasmic reticulum	D) both a and b  C) Golgi apparatus D) Both a and b
26	The chief structural and functional  A) Neuroglia  B) Neurons  Nissl's granules consists of  A) Ribosomes	C) Golgi apparatus D) Both a and b

Q.128	In the unstimulated state, a neuro	on has a membrane potential of approximately
	A) + /UMV	c/ 50
	B)-70mV	mpulse is initiated by an appropriate stimulus called
0.129	Under normal conditions a nerve i	mpulse is initiated by
	A) initiation stimulus	C) open service
	B) threshold stimulus	D) saltatory mervous system is.
0.130	One of the examples of the action	of the autonomous nervous system is.  C) Pupillary reflex response
	A) Swallowing of food	C) Pupillary Telepronse D) Knee jerk response D) Knee jerk response to concentration gradient
	B) Peristalsis of the intestine	D) Knee jerk response membrane diffusion along to concentration gradients
0.131	In the resting state of the neural	membrane diffusion
	if allowed would drive.	C) K+ and Na+ out of the cell
	A) K+ outof the cell	C) K+ and Na D) Na+ out of the cell
	B) Na+ into the cell	D) Na+ out of the cell erve impulse through nerve fibre is due to the fact
0.132	Unidirectional transmission of a n	erve impulse the
Q.15-	that.	- 14
	and the second by a moduli	ary sheath
	B) Sodium nump starts operating only	at the cyton and by axon endings
	C) Neurotransmitters are released by	ary sheath of at the cyton and then continues into the nerve fibre dendrites and not by axon endings dendrites and not by dendrites
	B) Sodium pump starts operating only     C) Neurotransmitters are released by	the axon endings cleft is.
0 122	B) Sodium pump starts operating only     C) Neurotransmitters are released by     D) Neurotransmitters are released by     The transmission of nerve impulse     A) Chemical and unidirectional	in the sympathic and hidirectional
Q.133	THE COMMISSION OF THE	c) and bidirectional
	B) Electrical and unidirectional	is covered by fatty sheath?
	A) Chemical and unidirectional B) Electrical and unidirectional Which of the following parts of a n A) Axon	C)Cyton
Q.134	Which of the following ?	D)node of Ranvier
	A) Paradita	THE STATE OF THE S
7	B) Dendrite Which of the following statements A) Saltatory conduction is seen in non-	is true.
Q.13	Which of the foliation is seen in non-	myelinated nerv
	A) Saltatory condesare found in muscles	fibres to of ranvier
	A) Saltatory condetes     B) Nissl's granules are found in muscles     C) Non myelinated nerve fibres do not (     D) Non myelinated nerve fibres are con	possess nodes of farmyelin sheath
	C) Non myelinated nerve fibres are con	pletely enclosed by my
	D) Non myelinated nerve hores  Which part of the human brain is la	rgest.
Q.13	6 Which part of the	C) Thalamus D) Medulla oblongata
	A) Cerebellum	D) Medulia Colorig
1.00	B) Cerebruit	as a neurotransmic acid
Q.137	B) Cerebrum Which of the following does not act	C) Glutallic acid
	A) Acetylcholine	D) Tyrosine
	B) epinephrine Synapse is a microscopic gap betwee	en.
Q.138	Synapse is a microscopic sap	
	A) Consective neurons     B) Presynaptic neurons and postsynaptic	neurons
	B) Presynaptic neurons and posts,	
	C) axons and dendrites	
	D) All of these	relative to the outside during
Q.139	D) All of these Inside of membrane becomes positive	C) Polarize potential
,	A) Active potential	D) None of these
0 140 0	concentration of K+ inside the ments	C) thirty folds higher than outside
Δ	) ten folds higher than outside	C/
11/20	. side bigher than outside	D) None of these
141 8	ervous system design is highly co -	related with animal's
.141 M	Life history	C) evolution
4.4	Life history	
A)	Life Style	the test street, and energetic acuvi
A) B)	the distance of manuals system are	pares the body for stressful and elicis
B) 142 Wh	nich division of nervous system pre	pares the body for stressful and energy
B) 142 Wh figi	It of flight	
B) 142 Wh figi	Autonomic nervous system	<ul><li>C) Sympathetic nervous system</li></ul>
B) 142 Wh figi	Autonomic nervous system	
B) 142 Wh figi A) A B) P	Autonomic nervous system Parasympathetic nervous system	C) Sympathetic nervous system     D) Peripheral nervous system
B) 142 Wh figi A) A B) P	Autonomic nervous system Parasympathetic nervous system Cell transmits impulses from the	C) Sympathetic nervous system     D) Peripheral nervous system     C) receptor cells to the spinal cord
B) 142 Wh figi A) A B) P 43 The A) ef	Autonomic nervous system Parasympathetic nervous system	

# COORDINATION AND CONTROL (nervous and chemical coordination) GRIP ENTRY TEST BOOK SERIES 12,000+ Question Bank Q.144 Depolarization of an axon is produced by the movement of: 12,000+ Question Bank

C) K+ into the axen and Na+ out of the axon

# D) Na+ and K+ within the axon towards the axon terminal Q.145 What will happen if the receptor sites on the post-synaptic membrane are blocked by a

C) muscle contraction

Q.146 Which of these are the first and last elements in a spinal reflex? D) musde paralysis

B) sense organ and muscle effector

B) sense organiano in the speed at which they travel?

D) motor neuron and sensory neuron the leg of a man. Which fact accounts for

C) there is a high concentration of Na+ ions inside the axons D) there is a potential difference across the axon membranes

# Q.148 Where are neurotransmitter receptors located?

B) at nodes of Ranvier

C) on the postsynaptic membrane D) in the myelin sheath

### **ANSWERS**

1.	В	2.	В	3.				- (CD)		1 6		453	1		
9.	A	10.			A	4.	В	5.	C		C. A.	. H	A-		
			С	11.	A	12.	C	13.	100000	6.	A	7.	A	8.	-
17.	D	18.	C	19.	В	20.	C		A	14.	A	15.	В	-	A
25.	В	26.	C	27.	В			21.	В	22.	C	23.	_	16.	B
33.	A	34.	D	35.		28.	C	29.	D	30.	A	-	A	24.	В
41.	С	42.			С	36.	В	37.	D	38.	- 4	31.	C	32.	В
			В	43.	В	44.	A	45.	C	400	В	39.	В	40.	В
49.	В	50.	В	51.	C	52.	В	53.	400	46.	D	47.	D	48.	D
57.	C	58.	D	59.	В	60.		-0.	A	54.	A	55.	D	56.	0
65.	C	66.	D	67.	D		A	61.	A	62.	A	63.	D	64.	_
73.	A	74.	C			68.	В	69.	В	70.	С	71.	C		A
81.	C			75.	D	76.	C	77.	C	78.	С	79.	D	72.	В
		82.	D	83.	D	84.	A	85.	В	86.	A		_	80.	E
89.	D	90.	A	91.	A	92.	A	93.	D	94.	_	87.	D	88.	0
97.	В	98.	A	99.	A	100.	С				С	95.	С	96.	E
105.	В	106.	С	107.				101.	D	102.	D	103.	В	104.	E
113.	C	114.		-	A	108.	A	109.	С	110.	В	111.	C	112.	0
121.			A	115.	С	116.	С	117.	D	118.	Α	119.	D	120.	1
	A	122.	С	123.	Α	124.	Α	125.	В	126.	D	127.	A	128.	E
129.	В	130.	В	131.	A	132.	D	133.	A	134.	A	135.	A	136.	-
137.	C	138.	D	139.	A	140.	В	141.	С	142.	С	143.		144.	C
145.	A	146.	D		_		1100		-					-	-
		10.	-	147.	Α	148.	D	149.	С	150.	L.	151.		152.	

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Q.1	Body cavity of round worms is calle	ed:	NOU BYES
	A) Pseudocoelom	C) Acoelom	- Just
	B) Coelom	D) Enteron	
Q.2	The cavity between body wall and a		
No.	A) Pseudocoelom	C) Coelom	
	B) Acoelom	D) Gastrovascular cavity	
Q.3	In arthropods, the body cavity is in	the form of:	
	B) Haemocoel	D) Enteron	
Q.4	A) Coelom B) Haemocoel In radial symmetry all body parts as represents mode of life A) Sessile B) Streamlined	re arranged around the central	
	represents mode of life	e:	. Radial
	A) Sessile	C) Active	SAWWer SAW
		D) I di di di cic	- ay
Q.5	All of the animals of Grade Radiata a	are .	
	A) Diploblastic	C) Pseudocoelomates	
	B) Triploblastic	D) Coelomates	
Q.6	All the animals included in grade Bila	ateria are	The state of the s
	A) Diploblastic	C) Both 'a' & 'b'	1000
	B) Unicellular	D) Triploblastic	
Q.7	Pseudocoelom is the characteristic fe	eature of the phylum:	
	A) Annelida	C) Moilusca	
	B) Nematoda	D) Echinodermata	
Q.8	Coelomates include animals from:		
	A) Nematodes to chordates	C) Molluscs to chordates	
	B) Annelids to chordates	D) Cnidarians to chordates	413
Q.9	lack symmetry:	Mark View	at. L.
	A) Sponges	C) Hydra	1 10
	B) Echinoderms	D) Mammals	6 2
Q.10	Grade Radiata includes only one phylu	im and that is:	<b>1</b>
	A) Porifera	C) Cnidaria	
	B) Platyhelminthes	D) Echinodermata	
	All are symmetric except		
	A) Sycon	C) Planarian	
В	3) Obelia	D) Hudes	
Q.12 B	ilateral symmetry, segmentation, coef:	elom and open circulatory system	
0	f:	or endedly system	are the features
A	Annelida	C) Mollusca	
B)	Arthropoda	D) Echinodermata	
Q.13 Th	ne nematodes are:	- / cermodernata	
A)	Triploblastic	C) Pseudocoelomates	
	Bilaterally symmetrical		
	emolymph is the feature of which of	D) All the above	
A)	Cnidaria	-	
	Platyhelminthes	C) Aschelminthes	
		D) Arthropoda	
4.15	iteral symmetry is considered to be	an adaptation for	
1000	Survival	C) Nutrition	
	lotility	D) None of these	
	coelom is lined by		
A) E	ctoderm	C) Endoderm	1,000
B) M	esoderm	D) Both 'a' & 'b'	
Q.17 Tube	within a tube plan is exhibited by		
	coelomates	C) Coelomates	
	eudocoelomates		
The second secon	lomates belong to phylum	D) All the above	
T. T. MCOC	condition belong to phytum		

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/	A) Aschelminthes	C) Porifera
	-i-ta/Pellillicites	D) Cnidada
		splitting of mesoderm is assessed
Q.19		C) Archenteron
	- Cchi70CUEIGGS	D) both a and a
		about protostomes
Q.20	the standard of the standard o	- Tomes
	- mesoderm is derived from the wall of gut	
4	alom is developed as all outpouching of	archeteron
	- auth arise from biastopore	
	piploblastic animals belong to division	
Q.21	A) bilalaria	C) both a and b
	a) radiata	D) none of these
Q.22	to accelomates the well developed system	m Is
Q.22	A) transport system	C) nervous system
	B) excretory system	D) both b and c
Q.23	Which of the following phyla have triplob	lastic organization;
Q.z-	A) Protozoa	C) Echinodermata
	B) Coelentrata	D) All of these
Q.24	The parietal layer of mesoderm in coelon	
4.	A) Endoderm	C) Body wall
	B) Gut wall	D) Visceral organs
Q.25	Animals included in grade bilateriaare;	AND ROLL SHARE THE PARTY OF THE
	A) Coelomates	C) Diploblastic
	B) triploblastic	D) All of these
Q.26	All animals are	C) and a state of
	A) autotrophs	C) unicellular
	B) heterotrophs Which of the following is not included in	D) Mollusca
Q.27	Total April 1985	ENTER THE PROPERTY OF THE PROP
	A) cnidarians	C) annelids
	B) nematodes	D) molluscs
Q.28	Which of the following class of animals in	ncludes the first vertebrates to - accea, on
	Earth?	d all
	A) agnatha, the jawless fishes	C) Osteichthyes, the bony fishes
	B) Chondrichthyes, the sharks	D) tunicates, the sea squirts
Q.29	Which of these does not pertain to a prot	tostome?
Q.23	A) spiral cleavage	C) schizocoel
		D) Annelida
	B) blasto pore—anus	D) Alliferida
Q.30	Sponges belong to the phylum.	C)ifora
	( A) aschelminths	C) porifera
	B) Arthropoda	D) Mollusca
Q.31	Which of the following is not a parasite	
	A) Annelida	C) Platyhelminthes
	B) nematode	D) porifera
Q.32	Which of the fall and the most clearly demo	onstrates the evolutionary relators7: between
4.32	which of the following most clearly delike	on strates and
	annelids and arthropods?	C) radial symmetry
	A) a complete digestive tract	
	B) an exoskeleton	D) body segments
Q.33	Reptiles are much more extensively adapted	to life on land than amphibians that reputes
	A) have shelled eggs.	C) are endothermic
		D) go through the larva stage
	B) have a complete digestive tract	

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Amphibians arose from Q.34

A) cartilaginous fish

C) ray finned

D) bony fishes with lungs

B) jawless fish

Which of these does not pertain to a deuterostome? Q.35

A) Blastopore is associated with the anus

C) enterocoelom

B) spiral cleavage

D) echinoderms and chordates

Which of the following has a gastrovascular cavity? Q.36

A) sponges

C) roundworms

B) earthworms

D) flatworms

Which of the following is not a subphylum of chordata Q.37

A) hemichordate

B) urochordata

C) cephalochordate

D) vertebarta

#### ANSWERS

1.	IA	2.	TC	3.	B	4.	A	5.	A	6.	D	7.	В	8.
9.	A	10.	C	11.	A	12.	В	13.	D	14.	D	15.	В	16.
17.	В	18.	В	19.	C	20.	d	21.	В	22.	D	23.	C	24.
25.	C	26.	В	27.	A	28.	A	29.	В	30.	С	31.	D	32.
33.	A	34.	D	35.	В	36.	D	37.	A	38.		39.	V. Tele	40.

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EVOI	The modern theory of evolution is;	12,000+ Question	Dulik
/	The modern	C) Darwinism	
Q.1	a) lame.	D) Mandati	
	B) Neo played by the environment th	at leads to change in ferr	
	The role produit	nat leads to change in frequency of alleles  C) Non-random mating	is;
2.2	A) Genetic S	D) All of the	
	B) Selection Gene pool consists of all alleles at all	gene loci in all last to	
702	cane poor	C) Classification and individuals of the:	
2.3	A) Family	o, ciali	
	B) Population In man the vestigial organs are:	D) Community	
	man tile vers	C) ***	
2.4	A) Ear muscles	C) Nictitating membrane	
	CACCUX	D) All a b c	
5.00	nopulations of a great species vi	vill only evolve into two distinct species if	they ar
2.5			tricy at
	Coographical isolation	C) Disruptive section	
	Conetic Isolation	D) Stabilizing colors	
	Lamarck believed that the changes	made due to the use and disuse of organ	
2.6		and disuse of organ	ns would
	A) Last only in that generation	C) last generation after generation	
	n) do not last at all	DIMAV he A or B	
_	The most common form that does no	t alter allele frequency, but lessens the pr	
2.7	of heterozygote individuals is:	meducity, but lessens the pr	roportion
	A) Inbreeding	C) Crossbreeding	
	B) Random breeding	D) Breeding	
	It was the geographical distribution of	of species that first suggested the idea of	
2.8	to:	openes that first suggested the idea of	evolution
	A) Charles Darwin	C) Alfred Wallace	
	B) Carolus Linnaeus		
	Jean Baptiste Lamarck published his t	D) J.B. Lamarck	
2.9	A) 1757		
	B) 1859	C) 1809	
	Darwin is associated with	D) 1945	
.10	A) Natural selection	CAMPAGE	
	B) Inorganic evolution	C) Mutation	
		D) All the above	
.11	Darwin's theory, as presented in 'The	Origin of Species', mainly concerned:	
	A) How new species arise	C) The origin of life	
	B) How adaptations evolve	D) How extinction occurs	
.12	Charles Darwin gave the:		
	A) Theory of special creation	C) Theory of Natural selection	
	B) Inheritance of acquired characters	D) Cell theory	
.13	According to Lamarck, evolution is too	wards:	
	A) Increase in size	C) Decrease in size	
	B) Decrease in complexity	D) Both 'a' & 'b'	
.14	"An organism can pass on characte offspring". This idea is:	ristics that it acquired during its lifeting	ne to its
	A) Inheritance of acquired characters	C) Lamarskism	
	B) Darwinism	C) Lamarckism	
.15		D) Both 'a' & 'b'	
	stronger while the	y to cope with the environment become la	rger and
	self wille those that are not use	d deteriorate was argued by:	
	charles Darwin	C) Alfred Wallace	
.16	B) Carolus Linnaeus	D) J.B. Lamarck	
1000	A) Non-heritable	ish only those variations that are:	
	A) Non-heritable B) Both a & b	C) Heritable	
	- Jour a wh	5) 1	

### EVOLUTION

Q.17	How many species of Galapagos fir	nch are there:
Q.I.	A) 1	D) 28
	A) 1 B) 13 Production of several different spe	from a common ancestor:
Q.18	Production of several different spe	C) Vestigial structures
Q.10	A) Natural selection	D) Adaptive radiation
	Natural selection     Parallel evolution     Lamarck reasoned about the evolve and an extension of ancestors stretching.	ed neck of the giraffes as the of a great many product
0 10	Lamarck reasoned about the evolv	ed neck of higher:
Q.19	Lamarck reasoned about the evolv generations of ancestors stretching	
	A) Combined effort	species become better ada
0.20	Daniel suggested that population	s of individual species become better adapted to the
Q.20	local environments through:	C) Natural selection
		D) All the above
	A) Evolution  D) Inherited characters	teament can support leads to
	By inherited character individuals the	nan environment can support leads to a struggle
Q.21	existence among individuals of a:	C) Species
	A) Generation	D) Community
	B) Population	D) Community
0.22	- Luck of	C) Parulations
Q.22	A) Their parents	C) Populations
	many at the talk and the	D) Evolution
0.22	· · · · · · · · · · · · · · · · · · ·	would be:
Q.23	A) The peppered moth	
	B) Domestic dogs	D) Darwin's finches
Q.24	the idea of:	as a second with an additional
Q.2-	A) Natural selection	C) Descent with modification
	m) Consist execution	D) Both 'a' & 'b'
Q.25		organic evolution is that every offspring
4.20	A) Is similar to its parents	MINISTER WITH THE PARTY OF THE
	B) Inherits characters acquired by the	parental generation
	C) Shows struggle for existence	
	D) Repeats phylogeny in its ontogeny	
Q.26	which of the following is not an as	sumption of the Hardy-Weinberg equilibrium?
1000.011	A) Mating occurs preferentially	C) The size of the population is large
	B) There is no migration	D) There are no mutations
Q.27	In a population of red (dominant a	illelB) or white flowers, the frequency of red flowers
	91%. What is the frequency of the	red allele?
	A) 9%	C) 30%
	B) 91%	D) 70%
Q.28	Which of the following describes g	ene flow?
	A) Random mating	C) Migration
	B) Genetic drift	D) Selection
Q.29	The Hardy-Weinberg law states the	nat an equilibrium of allele frequencies in a gene pu
	The remain in circut in each succe	eding generation of a sexually reproducts
	as long as conditions are m	et:
	A) One	C) Three
	B) Five	D) Cauca
Q.30	What is the frequency of the domi	nant allele in a nanulati
	following genotypes: 30 BB, 60 Bb	, 19 bb?
	A) U.Z	C) 0.4
0.21	B) 0.6	
Q.31	- Parity VI Life Didily lice auto-	
	A)Charle Charles that are not	used deteriorate was argued by:
	A)Charls Darwin	asca deteriorate was argued by:
Q.32	B)Carolus Linnaeus	C) Alfred Wallace
	A) Monkey	D)Lamarck are armored that live only in America;
	B) Armadillos	C) Humans
	,	D) Apes
EASTER DA		-) when

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GRIP ENTRY TEST BOOK SERIES EVOLUTION 12,000+ Question Bank the Hardy-Weinberg Principle, which expression represents the frequency of Using the recessive genotype? C) q2 A) P2 C) q A) 2PQ C) 2PQ cess of --- and----- generate variation, and -- produces adaptation to the environment environment

A) sexual recombination ---- sexual recombination A) sexual recombination ---- sexual recombination

B) genetic drift--mutation ---- sexual recombination B) genetic of the sexual recombination -- natural election
 C) mutation sexual recombination -- natural election c) mutation — natural selection----genetic drift D) mutation is sometimes described as "survival of the fittest." Which of the Natural selection natural selection measures and organism's fitness?

Q.35 A) its mutation rate

B) how many fertile offspring it produces

c) its ability to withstand environmental extremes

p) how much food it is able to make or obtain.

The smallest biological unit that can evolve over time is

0.36 A) a specie

C) an ecosystem

C) an individual organism

D) A population

Which of the following ideas is common to both Darwin's and Lamarck's theories of Q.37 evolution?

Adaptation results from different reproductive success.

B) Evolution drives organisms to greater and greater complexity.

Evolutionary adaptation results from interactions between organisms and their environment.

c)The fossil record supports the view that species are fixed.

Q.38 Which of the following pairs of structures is least likely to represent homology? A) the wings of a bat and the forelimbs of a human

c) the haemoglobin of a baboon and that of a gorilla,

c) the brain of a cat and that of a dog

D) the wings of a bird and those of an insect

Q.39 All organisms share the same genetic code. This commonality is evidence that

C) convergent evolution has occurred

C) all organisms are descended from a common ancestor

D) evolution occurs gradually

#### ANSWERS

1.	В	2.	В	3.	В	4.	D	5.	^	6	-				
9.										6.	C	7.	A	8.	В
9.	С	10.	A	11.	A	12.	C	13.	A	14.	D	15.	D	16.	_
17.	В	18.	D	19.	D	20	-	-	-		_	20.		16.	C
_				15.	D	20.	C	21.	В	22.	D	23.	D	24.	-
25.	В	26.	A	27.	D	28.	С	29.	В		-				
33.	-		-			20.	-	29.	В	30.	В	31.	D	32.	E
33.	C	34.	C	35.	В	36.	D	37.	C	38.	-	20			- 17
								37.	-	38.	D	39.	C	40.	

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	(nutrition, gaseous exchange and 2.1 The numer of A-V valves in hum	C) 2
(	Q.1 The number	ian heart in a pulmonary vein drains first into the  C) Right atrium  D) Right ventricle
	B13 an the mammal	lan heart in C) Right atrium
	).2 Blood returning to the inch	D) Right ventricle
	A) Left atmum	
	B) Left ventricle  Atrioventricular diastole takes:	c) 0.8sec
Q	.3 Atrioventricular diase	D) 0.1 sec
	A) Isec	
	6) 0.4 sec  ECG helps to diagnose the abnor	C) The conduction system of the heart
Q	A) The rhythmicity of the heart	D) Both 'a' & 'b'
	B) Structure of the heart	
	and being to diagnose the	C) The conduction system of the heart
Q.	A) The rhythmicity of the	D) Both 'a' & 'b'
	B) Structure of the heart	
Q.	u of the blood is:	C) 7.6
		D) 7
	B) 7.4	Is are separated by junction called  C) Internodes
Q.7	In cardiac muscles successive cer	C) Internodes
1000	A) Sarcoplasm	D) both b & C
	B) Intercalated disc	many veins collecting deoxygenated blood from
Q.8	different parts of alimentary cana	i, pess the
	different parts of alimentary cons	The state of the s
	A) inferior vana cava	D) kidney
	B) right atrium	v right atrium and right ventricle is
Q.9	A) Tricuspid	C) Sciimini
		D) None of these
0 10	to the same of the taken	place during the completion of one heart - beat is
Q.10	termed as	
	A) A trial systole	C) Diastole
	B) Ventricular systole	D) Cardiac cycle
Q.11	The relaxed period of heart chambe	ers is called
4	A) A trial diastole	C) Diastole
	B) Ventricular diastole	D) All a, b and c
Q.12	Duration of one complete heart bea	it is
	A) 1 sec	C) 0.8 sec
	B) 0.9 sec	D) 0.7 sec
Q.13	Sino - a trial node is present at	
-1-014	A) right atrium	C) upper end of right atrium
	B) left atrium	D) upper and left atrium
.14		e to heartbeat can be detected in
	A) Arteries	
	B) Veins	C) Capillaries
		D) All a, b and c
	plasma into the spaces that sure	es a continuous leakage of fluid from the blood
	) Lymph	d the capillaries and tissues. This fluid is know
	) Intra cellular	C) Interstitial fluid
		DI All - I
4	Scharge of blood from blood vessel	ls is known as
	1. Noctificial illigiction	C) Stroke
	Cerebral infarction	D) Hemorrhage
7 W	history .	- / richlofflage
	hich one is correct regarding electrical excita-	ocardiograph (Foot
A)	P-wave represents the electrical excita  QRS complex represents repolarisation	tion of the
0)	QRS complex represents repolarisation  T-wave represents repolarisation of the	of the ventricle
()	T-wave represents repolarisation of the	or theventricles
D)	by counting the number of OPS	exes one can determine the pulse rate
	or QKS comple	exes one can determine the nulse rate
		the pulse rate
) INC.	TUTE - THE BEST INSTITUTE FOR ENTRY TES	
	A STATE OF THE STA	Land of the state

D) Integumentary & immune systems Q.33 What is not a part of the lymphatic system? A) Spleen

A) Circulatory & immune systems

B) Respiratory & lymphatic systems

C) Red blood cells

C) Circulatory & respiratory systems

B) Lymph vessels

D) Nodes

Q.34 What term refers to the fluid that leaks out of blood vessels into spaces between cells?

A) Lymph

C) Interstitial fluid

B) Plasma

D) Blood

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# LIFE PROCESS IN ANIMAL AND PLANT (nutrition, gaseous exchange and transport)

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0.25	What is the function of house	des?
Q.35	What is the function of lymph no	
	A) They filter nutrients out of the lyn	nph and send them to the
	B) They work with skeletal muscles t	o move the lymph
	C) They recycle old red blood cells	us aments out of the lymph
	D) They filter bacteria, viruses, fungi	, and cell fragments out of the lymph
Q.36	Which of the following structure	, and cell fragments out of the lymph es of the lymphatic system causes the maturation of ).
		an Calcon
	A) Thymus	C) Spleen D) Lymph nodes
	B) Tonsils	
Q.37	Heart is supplied with blood with	C) Superior vena cava
	<ul> <li>A) Inferior vena cava</li> </ul>	D) All the above
	B) Pulmonary vein	escond in a normal person is
Q.38	Number of RBC's formed and des	troyed every second in a normal person is
	A) 5 - 10 M	D) 2 - 10 M
	B) 4 - 10 M	
Q.39	Most of the plasma proteins are s	C) Bone marrow
	A) Liver	D) Pancrease
	B) Lymph nodes	Control of the second s
Q.40	The normal pH of human blood is	C) 7.3
	A) 7. 1	D) 7.4
	B) 7.2	as a catalyst in blood clotting process?
Q.41	Which of the following protein act	t as a catalyst in blood clotting process?  C) Albumin
	A) Prothrombin	D) Both a & b
	B) Fibrinogen	trient in the blood serves as a precursor of steroid
Q.42		(Helle III the Store Store)
	hormone?	C) Lactic acid
	A) Phospholipid	D) Both a & b
	B) Cholesterol Which of the following is incorrect	about "ERYTHROCYTES"?
Q.43	Which of the following is incorrect	
	A) Once mature do not divide	
	B) formed in red bone marrow C) Biconvex and have elastic plasma r	nembrane
	D) all a, b and c  The valves present in the veins are	The state of the s
Q.44		C)Tricuspid
	A)Semi-lunar	D)Aortic
0.45	B)Bicuspid  The systolic pressure in normal inc	
Q.45	A) 75-85 mm Hg	C) 110 mm Hg
	B) 80-110 mm Hg	D) 120 mm Hg
0.46	Thrombus is a solid mass of blood	
Q.46	A) Brain	C) Blood vessel
	B) Heart	D) All the above
0.47	Blood flow speed in capillaries is le	
Q.47		C)1mm
	A)5mm	D)2mm
0.40	B)10mm	
Q.48	Arteries that supply blood to heart	
	A) Femoral	C) Coronary
0.40	B) Cardiac	D) Renal
Q.49	The thickest layer in the heart wall	
	A) Epicardium  B) Pericardium	C) Endocardium
	D. L. PORTIC ATTILLUTY	131 00140 60 8011100

Utr	tion, gase tion, the inferior vena cava brings blood from the inferior vena cava	om the lower regions of the body and empties in
10	The	3
50	the atrium  A) Left ventricle  A) the atrium attached to papillary mu	D) Right ventricle
	A) Left atrium  A) Left ventricle  B) Left ventricle  B) Left valve is attached to papillary mu  Mitral valve is attached to papillary mu  Mitral valve is attached to papillary mu	uscles which are extensions of
	itral valve is	C) Left Atrium
51	Mitral valve in Mitral valve i	D) Left ventricle
	A) Right Atricle B) Right ventricle B) Right ventricle	
	which carriers dissolved	substances (e.g. glucose B) from a capillary in a
	the medium cell in the muscle is	a sacose b) from a capillary in a
52	.ecle to	C) Lymph
	. 01351110	D'
	A) Plastic     B) Tissue fluid     B) Tissue fluid     Ther of Leucocytes in a cubic milling	meter of blood is
	B) Tissue fluid  B) Tissue fluid  Number of Leucocytes in a cubic millir  Number of 8000	C) 7500 to 8500
53	. 7000 to	D) 7000 :
	A) 7000 to 8000  B) 7500 to 8000  arriag of arteries due deposition	is.
		C) Rheumatic heart
54	A) Arterioscicios	D) Cardian and
	A) Arteriose     B) Blood pressure     B) Blood pressure     All veins carries deoxygenated blood	excent
-=	ains Laine	C) Henatic well
55	- I-monary veille	-)epatic veill
	the after Durital vent	D) Renal artery
-6	First heart sound is.	ular systele
56	A) Lubb sound at the beginning of ventrice	lar systole
	- could at the beginning of terretice	nai systole
	- count at the beginning of ventile	diar systole
57	what is the function of pace maker!	The second secon
,5,	A) To decrease heart beat	
	ny To initiate heart beat	ACCOUNT AND A SECOND OF THE PARTY OF THE PAR
	a To increase heart beat	The same of the sa
	To control blood supply in heart	The same of the sa
.58	Oxygenated blood is carried by.	
.50	A) Pulmonary artery	C) Pulmonary vein
	a) Renal vein	D) Hepatic portal vein
.59	Approximate diameter of RBC is	
	A) 7µ m	C) 9 µ m
	B) 8 µ m	D) None of these
.60	A substance that inhibit blood clottin	gis
	A) Histamin	C) Interferon
	B) Heparin	D) All a, b and c
.61	Colloidal osmotic pressure of the blo	od, maintained by fibrinogen is about
	A) 75%	C) 0%
	B) 25%	D) 100%
.62		
	A) Pylorus in vertebrate stomach	C) Dermis of mammalian skin
	B) Eye orbit of mammals	D) Ventricle in mammalian heart
.63		
.00	A) Muscle in upper arm	
	B) Valve in heart and surface of teeth in	mammals
	C) Muscle in upper arm and valve in hea	
.64	D) Valve in heart and bone of pelvic gird	
.04	de la	
	A) Nucleus	C) Red color
2.65	B) Fluids	D) Haemoglobin
C.U.3	In a normal person plasma constitut	es about by volume of blood:
	** ***	
	A) 50% B) 45%	C) 60% D) 55%

B) right atrium D) right ventricle 5. Pulmonary trunk

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A) atrioventricular valve

C) semilunar valve

UFE PROCESS IN ANIMAL AND PLANT Uff processeous exchange and transport) tion, gases the red blood cell passes the structures?

In which order will the red blood cell passes the structures? GRIP ENTRY TEST BOOK SERIES 12,000+ Question Bank 5 75 c) 3 +3 what produces systolic blood pressure? A) contraction of the right atrium C) contraction of the left atrium B) contraction of the right ventricle **Human** heart is D) contraction of the left ventricle Q.85 A) myogenic B) neurogenic C) cardiogenic Typical lub-dub sounds heard in heart in heartbeat are due to B) closing of semilunar valves c) blood under pressure through aorta. closure of bicuspid —tricuspid valves followed by semilunar valves. Bicuspid valve connects A) left atrium and left ventricle C) right atrium and left ventricle B) left atrium and right ventricle D) right atrium and right ventricle Pacemaker is situated in heart A) in the wall of right atrium C) on interventricular septum B) on interauricular septum D) in the wall of left atrium 0.89 Lymph returns to blood A) oxygen C) interstitial fluid B) carbon dioxide D) white blood cells Q.90 Lymph most closely resembles which of the following? A) blood C) water B) urine D) interstitial flu Q.91 Which of these factors has little effect on blood flow in arteries? A) total cross sectional area of vessels C) skeletal muscle contraction B) blood pressure D) heartbeat Q.92 The Sino Atrial node (SA node) A) regulates the rhythm of contraction C) regulates the rate of contraction B) is also called AV node D) is also called bundle of His

#### **ANSWERS**

C	2.	Α	3.	В	4.	D	5.	D	6.	В	7.	В	8.	С
A	10.	D	11.	С	12.	С	13.	С	14.	Α	15.	С	16.	D
D	18.	C	19.	C	20.	A	21.	D	22.	С	23.	Α	24.	С
C	26.	A			-	D	29.	С	30.	D	31.	С	32.	Α
C	34.				-	A	37.	D	38.	D	39.	Α	40.	D
A		-		-	-		45.	С	46.	D	47.	С	48.	С
D			-					Α	54.	D	55.	A		A
В							-	С	62.	D	63.	В		A
-		-	59.	В		1000	-	_	70.	A	71.	В	72.	В
U	66.	В	67.	D	68.	В	69.			-	79.	D	80.	C
C	74.	C	75.	Α	76.	В	77.	В				A	88.	
D	82			-		D	85.	D	86.	A		-	96.	
-	90.	D	-	D	92.			7	94.		95.		30.	
	A D C A D B D C	A 10.  D 18.  C 26.  C 34.  A 42.  D 50.  B 58.  D 66.  C 74.  D 82.	A 10. D D 18. C C 26. A C 34. C A 42. B D 50. C B 58. C D 66. B C 74. C D 82.	A 10. D 11. D 18. C 19. C 26. A 27. C 34. C 35. A 42. B 43. D 50. C 51. B 58. C 59. D 66. B 67. C 74. C 75. D 82. 83.	A 10. D 11. C D 18. C 19. C C 26. A 27. C C 34. C 35. D A 42. B 43. C D 50. C 51. C B 58. C 59. B D 66. B 67. D C 74. C 75. A D 82. 83. D	A 10. D 11. C 12. D 18. C 19. C 20. C 26. A 27. C 28. C 34. C 35. D 36. A 42. B 43. C 44. D 50. C 51. C 52. B 58. C 59. B 60. D 66. B 67. D 68. C 74. C 75. A 76. D 82. 83. D 84.	A 10. D 11. C 12. C D 18. C 19. C 20. A C 26. A 27. C 28. D C 34. C 35. D 36. A A 42. B 43. C 44. A D 50. C 51. C 52. B B 58. C 59. B 60. B D 66. B 67. D 68. B C 74. C 75. A 76. B D 82. 83. D 84. D	A 10. D 11. C 12. C 13. D 18. C 19. C 20. A 21. C 26. A 27. C 28. D 29. C 34. C 35. D 36. A 37. A 42. B 43. C 44. A 45. D 50. C 51. C 52. B 53. B 58. C 59. B 60. B 61. D 66. B 67. D 68. B 69. C 74. C 75. A 76. B 77. D 82. 83. D 84. D 85.	A 10. D 11. C 12. C 13. C D 18. C 19. C 20. A 21. D C 26. A 27. C 28. D 29. C C 34. C 35. D 36. A 37. D A 42. B 43. C 44. A 45. C D 50. C 51. C 52. B 53. A B 58. C 59. B 60. B 61. C D 66. B 67. D 68. B 69. C C 74. C 75. A 76. B 77. B D 82. 83. D 84. D 85. D	A       10.       D       11.       C       12.       C       13.       C       14.         D       18.       C       19.       C       20.       A       21.       D       22.         C       26.       A       27.       C       28.       D       29.       C       30.         C       34.       C       35.       D       36.       A       37.       D       38.         A       42.       B       43.       C       44.       A       45.       C       46.         D       50.       C       51.       C       52.       B       53.       A       54.         B       58.       C       59.       B       60.       B       61.       C       62.         D       66.       B       67.       D       68.       B       69.       C       70.         C       74.       C       75.       A       76.       B       77.       B       78.         D       82.       83.       D       84.       D       85.       D       86.	A       10.       D       11.       C       12.       C       13.       C       14.       A         D       18.       C       19.       C       20.       A       21.       D       22.       C         C       26.       A       27.       C       28.       D       29.       C       30.       D         C       34.       C       35.       D       36.       A       37.       D       38.       D         A       42.       B       43.       C       44.       A       45.       C       46.       D         D       50.       C       51.       C       52.       B       53.       A       54.       D         B       58.       C       59.       B       60.       B       61.       C       62.       D         D       66.       B       67.       D       68.       B       69.       C       70.       A         C       74.       C       75.       A       76.       B       77.       B       78.       C         D       82.       83.       D <td< td=""><td>A       10.       D       11.       C       12.       C       13.       C       14.       A       15.         D       18.       C       19.       C       20.       A       21.       D       22.       C       23.         C       26.       A       27.       C       28.       D       29.       C       30.       D       31.         C       34.       C       35.       D       36.       A       37.       D       38.       D       39.         A       42.       B       43.       C       44.       A       45.       C       46.       D       47.         D       50.       C       51.       C       52.       B       53.       A       54.       D       55.         B       58.       C       59.       B       60.       B       61.       C       62.       D       63.         D       66.       B       67.       D       68.       B       69.       C       70.       A       71.         C       74.       C       75.       A       76.       B       77.</td><td>A       10.       D       11.       C       12.       C       13.       C       14.       A       15.       C         D       18.       C       19.       C       20.       A       21.       D       22.       C       23.       A         C       26.       A       27.       C       28.       D       29.       C       30.       D       31.       C         C       34.       C       35.       D       36.       A       37.       D       38.       D       39.       A         A       42.       B       43.       C       44.       A       45.       C       46.       D       47.       C         D       50.       C       51.       C       52.       B       53.       A       54.       D       55.       A         B       58.       C       59.       B       60.       B       61.       C       62.       D       63.       B         D       66.       B       67.       D       68.       B       69.       C       70.       A       71.       B         <td< td=""><td>A       10.       D       11.       C       12.       C       13.       C       14.       A       15.       C       16.         D       18.       C       19.       C       20.       A       21.       D       22.       C       23.       A       24.         C       26.       A       27.       C       28.       D       29.       C       30.       D       31.       C       32.         C       34.       C       35.       D       36.       A       37.       D       38.       D       39.       A       40.         A       42.       B       43.       C       44.       A       45.       C       46.       D       47.       C       48.         D       50.       C       51.       C       52.       B       53.       A       54.       D       55.       A       56.         B       58.       C       59.       B       60.       B       61.       C       62.       D       63.       B       64.         D       66.       B       67.       D       68.       B</td></td<></td></td<>	A       10.       D       11.       C       12.       C       13.       C       14.       A       15.         D       18.       C       19.       C       20.       A       21.       D       22.       C       23.         C       26.       A       27.       C       28.       D       29.       C       30.       D       31.         C       34.       C       35.       D       36.       A       37.       D       38.       D       39.         A       42.       B       43.       C       44.       A       45.       C       46.       D       47.         D       50.       C       51.       C       52.       B       53.       A       54.       D       55.         B       58.       C       59.       B       60.       B       61.       C       62.       D       63.         D       66.       B       67.       D       68.       B       69.       C       70.       A       71.         C       74.       C       75.       A       76.       B       77.	A       10.       D       11.       C       12.       C       13.       C       14.       A       15.       C         D       18.       C       19.       C       20.       A       21.       D       22.       C       23.       A         C       26.       A       27.       C       28.       D       29.       C       30.       D       31.       C         C       34.       C       35.       D       36.       A       37.       D       38.       D       39.       A         A       42.       B       43.       C       44.       A       45.       C       46.       D       47.       C         D       50.       C       51.       C       52.       B       53.       A       54.       D       55.       A         B       58.       C       59.       B       60.       B       61.       C       62.       D       63.       B         D       66.       B       67.       D       68.       B       69.       C       70.       A       71.       B <td< td=""><td>A       10.       D       11.       C       12.       C       13.       C       14.       A       15.       C       16.         D       18.       C       19.       C       20.       A       21.       D       22.       C       23.       A       24.         C       26.       A       27.       C       28.       D       29.       C       30.       D       31.       C       32.         C       34.       C       35.       D       36.       A       37.       D       38.       D       39.       A       40.         A       42.       B       43.       C       44.       A       45.       C       46.       D       47.       C       48.         D       50.       C       51.       C       52.       B       53.       A       54.       D       55.       A       56.         B       58.       C       59.       B       60.       B       61.       C       62.       D       63.       B       64.         D       66.       B       67.       D       68.       B</td></td<>	A       10.       D       11.       C       12.       C       13.       C       14.       A       15.       C       16.         D       18.       C       19.       C       20.       A       21.       D       22.       C       23.       A       24.         C       26.       A       27.       C       28.       D       29.       C       30.       D       31.       C       32.         C       34.       C       35.       D       36.       A       37.       D       38.       D       39.       A       40.         A       42.       B       43.       C       44.       A       45.       C       46.       D       47.       C       48.         D       50.       C       51.       C       52.       B       53.       A       54.       D       55.       A       56.         B       58.       C       59.       B       60.       B       61.       C       62.       D       63.       B       64.         D       66.       B       67.       D       68.       B

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	tomics from the	region of high water potential the region to low
Q.1	Movement of water molecules from the	aion to I
	Water potential is known as	C/10cm
	A) Osmosis	D) Active transport
	B) Diffusion	
Q.2	Stomata are more widely open in.	C) Blue light
	A) Green light	D) far red light
	B) Yellow light The volume of dry seed may increase u	pto 200 times by
Q.3	The volume of dry seed may increase	C) Osmosis
and the	A) Diffusion	D) Active transport
	B) Imbibition	cells
Q.4	B) Imbibition is incorrect about guard	The state of the s
	A) Have chloroplast	
	B) Bean shaped	mata
	Connect to sounding cells by plasmodesr	And West Contract of the same of the
	and the state of t	stomata is
Q.5	Daily rhythmic opening and closing of s	C) External clock
	A) Internal clock	D) none
	B) Both a & b	The state of the same
Q.6	The shrinkage of protoplasm of a cell	C) Incipient plasmolysis
	A) Deplasmolysis	D) Plasmolysis
	B) Qutition  Translocation of organic materials is be	
Q.7	Translocation of organic materials	C) Active transport
	A) imbibitions theory	D) Transpiration pull
	B) Mass flow hypothesis Roots hair are extensions of	The second secon
Q.8		C) Cortex
	A) Epidermis	D) None of these
	B) Both a and b Loss of water through hydathodes:	The same same same
Q.9	A) Imbibition	C) Guttation
	B) bleeding	D) Transpiration
0.10		is about
Q.10	A) 57%	C) 77%
	B) 67%	D) 100%
Q.11	Which of the following factor is not inve	olved in determining the rate of absorption of each
4.11	mineral by roots?	and paron of each
	A) its concentration both inside and outside	root
	B) the ease with which it can passively pene	
	C) extent of active absorption	
	D) None of these	
0.12	Temperature causes closure of stomata	1
No. of Contract of	A) 30-40 °C	C) 30-35 °C
	B) 25-35 °C	D) 40-45 °C
Q.13	Casparian strips are present is	
	A) Epidermis	C) Endodermis
	B) Cortex	D) Pericycle
Q.14		
Car .	A) Imbibition	C) Bleeding
	B) Guttation	
Q.15		D) Transpiration pull
	of	n in green plants, as it is an essential component
	A) Chlorophyll	6) 6
	B) Cell sap	C) Protein
Q.16		D) Glucose
4.20	The stomata are closed at temperature A) 15°C	
	B) 35°C	C) 25°C
Q.17	The state of the s	D) 45°C
4.4.	The upward movement of sap through	xylem is

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234

C) Plasmolysis

PROCESS IN ANIMAL AND PLANT

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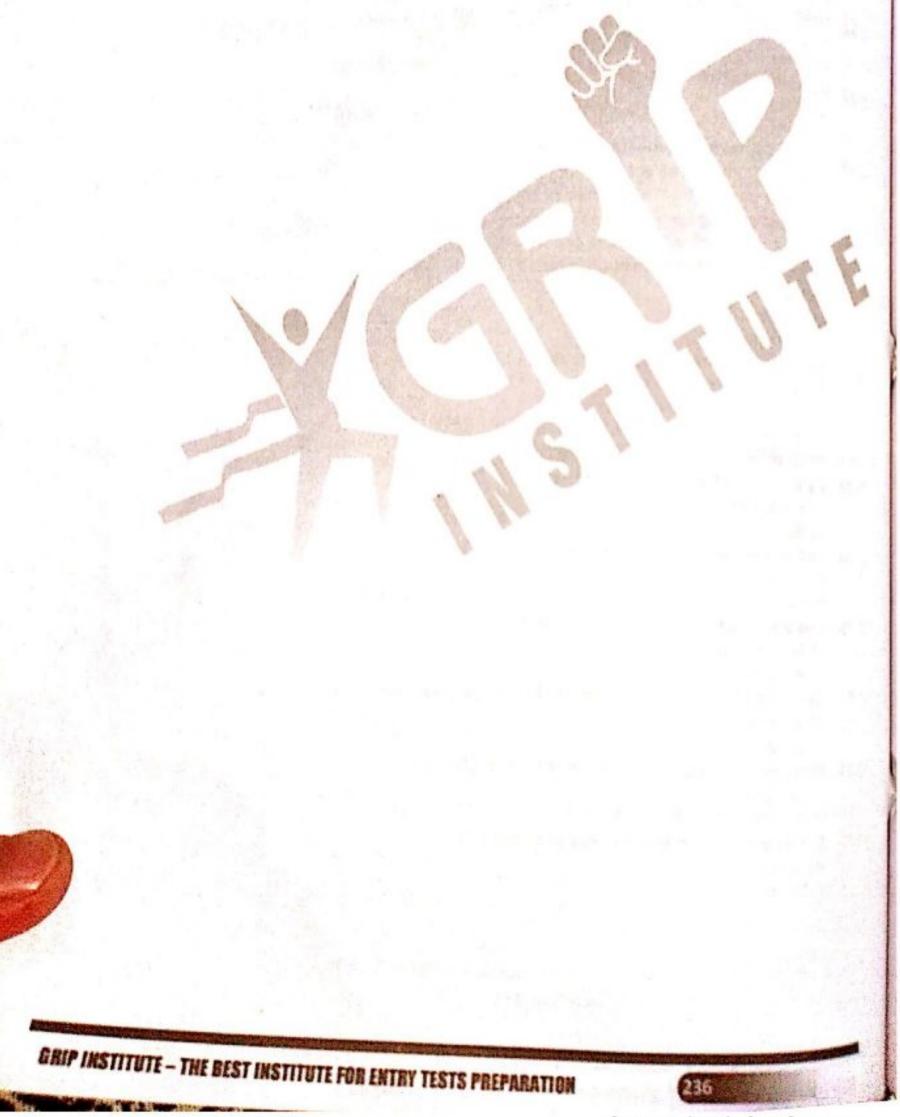
(nut	1110	O) Deplasmolyaia
-	B) Guttation of chlorophyll is repl	D) Deplasmolysis aced in hemoglobin by
1		C) Phosphorous
Q.18	A) Calcium	D) Iron
Q.	a) potassium	D) IIOII
	A) Calcium  B) Potassium  Casparian strips are present in  Casparian strips are present in  Casparian strips are present in	C) Ended
0.19	A) Epidermis	C) Endodermis
Q.	- Corter	D) Pericycle
	which of	t is correct about CASPARIAN STRIPS?
Q.20	Separates the extra cellular space	in roots
4	A) Separates the extra conduct space  B) Separates the intracellular space  B) Separates the apoplast path way	in roots into two compartment
	. Totellupe	
	D) Both a & C	
	The Drocess	(C) Transpiration
Q.21	. Cuttation	c) Hanspiration
500	n/ aration	D) Evapo-transplanting
		fer from other epidermal cells in having.
Q.22	andoplastille rededition	C) Chloroplasts
	- t-c/OIGIIII	D) Mitochondria
	thatian is the result of	
Q.23	A) Diffusion	C) Transpiration
	A) Direction	D) Root proceure
	the following involves usings	is except.
Q.24	Water from the soil entering root	nair
	B) Water passing from a root hair to	adjacent cells
	water passing up a xylem vessel	element to xylem vessel element above it
	D) Water entering a mesophyll cell f	from the xylem vessel element
- 2002	in leaves through whi	ch water comes out in the form of drops or droplets ar
Q.25	called.	and the form of drops of droplets at
	A) Bordered Dits	C) Hydathodes
	A) Bordered pits	C) Hydathodes D) lenticels
	A) Bordered pits B) Stomata	D) lenticels
Q.26	B) Stomata     The opening and closing of stom	D) lenticels
Q.26	A) Bordered pits B) Stomata The opening and closing of stom A) Effect of hormones	D) lenticels pata takes place due to.
Q.26	A) Bordered pits B) Stomata The opening and closing of stom A) Effect of hormones B) Pressure of gases inside the leaf	D) lenticels pata takes place due to.
Q.26	A) Bordered pits B) Stomata The opening and closing of stom A) Effect of hormones B) Pressure of gases inside the leaf C) Genetic constitution	D) lenticels pata takes place due to.
	A) Bordered pits B) Stomata The opening and closing of stom A) Effect of hormones B) Pressure of gases inside the leaf C) Genetic constitution D) Changes in the turgor pressure in	D) lenticels lata takes place due to.
Q.26 Q.27	A) Bordered pits B) Stomata The opening and closing of stom A) Effect of hormones B) Pressure of gases inside the leaf C) Genetic constitution D) Changes in the turgor pressure in By process of guttation plants ca	D) lenticels nata takes place due to.  In guard cells
	A) Bordered pits B) Stomata The opening and closing of stom A) Effect of hormones B) Pressure of gases inside the leaf C) Genetic constitution D) Changes in the turgor pressure in By process of guttation plants ca A) Excrete the salt	D) lenticels nata takes place due to.  In guard cells an.  C) compensate the loss of water
	A) Bordered pits B) Stomata The opening and closing of stom A) Effect of hormones B) Pressure of gases inside the leaf C) Genetic constitution D) Changes in the turgor pressure in By process of guttation plants co A) Excrete the salt B) Remove excess water	D) lenticels nata takes place due to.  In guard cells
Q.27	A) Bordered pits B) Stomata The opening and closing of stom A) Effect of hormones B) Pressure of gases inside the leaf C) Genetic constitution D) Changes in the turgor pressure in By process of guttation plants co A) Excrete the salt B) Remove excess water Guttation takes place through.	D) lenticels nata takes place due to.  In guard cells an.  C) compensate the loss of water D) Reduce temperature effect
Q.27	A) Bordered pits B) Stomata The opening and closing of stom A) Effect of hormones B) Pressure of gases inside the leaf C) Genetic constitution D) Changes in the turgor pressure in By process of guttation plants ca A) Excrete the salt B) Remove excess water Guttation takes place through. A) Wounds	D) lenticels nata takes place due to.  In guard cells an.  C) compensate the loss of water D) Reduce temperature effect  C) Lenticels
Q.27	A) Bordered pits B) Stomata The opening and closing of stom A) Effect of hormones B) Pressure of gases inside the leaf C) Genetic constitution D) Changes in the turgor pressure in By process of guttation plants ca A) Excrete the salt B) Remove excess water Guttation takes place through. A) Wounds B) Hydathodes	D) lenticels nata takes place due to.  In guard cells an.  C) compensate the loss of water D) Reduce temperature effect  C) Lenticels D) Stomata
Q.27 Q.28	A) Bordered pits B) Stomata The opening and closing of stom A) Effect of hormones B) Pressure of gases inside the leaf C) Genetic constitution D) Changes in the turgor pressure in By process of guttation plants ca A) Excrete the salt B) Remove excess water Guttation takes place through. A) Wounds B) Hydathodes	D) lenticels nata takes place due to.  In guard cells an.  C) compensate the loss of water D) Reduce temperature effect  C) Lenticels D) Stomata In the shade of a roof due to.
Q.27 Q.28	A) Bordered pits B) Stomata The opening and closing of stom A) Effect of hormones B) Pressure of gases inside the leaf C) Genetic constitution D) Changes in the turgor pressure in By process of guttation plants ca A) Excrete the salt B) Remove excess water Guttation takes place through. A) Wounds B) Hydathodes	D) lenticels nata takes place due to.  In guard cells an.  C) compensate the loss of water D) Reduce temperature effect  C) Lenticels D) Stomata
Q.27 Q.28	A) Bordered pits B) Stomata The opening and closing of stom A) Effect of hormones B) Pressure of gases inside the leaf C) Genetic constitution D) Changes in the turgor pressure in By process of guttation plants ca A) Excrete the salt B) Remove excess water Guttation takes place through. A) Wounds B) Hydathodes The shade of a tree is cooler that	D) lenticels nata takes place due to.  In guard cells an.  C) compensate the loss of water D) Reduce temperature effect  C) Lenticels D) Stomata In the shade of a roof due to.
Q.27 Q.28 Q.29	A) Bordered pits B) Stomata The opening and closing of stom A) Effect of hormones B) Pressure of gases inside the leaf C) Genetic constitution D) Changes in the turgor pressure in By process of guttation plants ca A) Excrete the salt B) Remove excess water Guttation takes place through. A) Wounds B) Hydathodes The shade of a tree is cooler tha A) Transpiration B) Photosynthesis	D) lenticels nata takes place due to.  In guard cells an.  C) compensate the loss of water D) Reduce temperature effect  C) Lenticels D) Stomata In the shade of a roof due to. C) Guttation
Q.27 Q.28 Q.29	A) Bordered pits B) Stomata The opening and closing of stom A) Effect of hormones B) Pressure of gases inside the leaf C) Genetic constitution D) Changes in the turgor pressure in By process of guttation plants ca A) Excrete the salt B) Remove excess water Guttation takes place through. A) Wounds B) Hydathodes The shade of a tree is cooler tha A) Transpiration B) Photosynthesis	D) lenticels nata takes place due to.  In guard cells an.  C) compensate the loss of water D) Reduce temperature effect  C) Lenticels D) Stomata In the shade of a roof due to. C) Guttation D) Green leaves
Q.27 Q.28 Q.29	A) Bordered pits B) Stomata The opening and closing of stom A) Effect of hormones B) Pressure of gases inside the leaf C) Genetic constitution D) Changes in the turgor pressure in By process of guttation plants ca A) Excrete the salt B) Remove excess water Guttation takes place through. A) Wounds B) Hydathodes The shade of a tree is cooler that A) Transpiration B) Photosynthesis Gaseous exchange in submerged	D) lenticels nata takes place due to.  In guard cells an.  C) compensate the loss of water D) Reduce temperature effect  C) Lenticels D) Stomata In the shade of a roof due to. C) Guttation D) Green leaves In hydrophytes takes place through.
Q.27 Q.28 Q.29 Q.30	A) Bordered pits B) Stomata The opening and closing of stom A) Effect of hormones B) Pressure of gases inside the leaf C) Genetic constitution D) Changes in the turgor pressure in By process of guttation plants ca A) Excrete the salt B) Remove excess water Guttation takes place through. A) Wounds B) Hydathodes The shade of a tree is cooler that A) Transpiration B) Photosynthesis Gaseous exchange in submerged A) Stomata B) General surface	D) lenticels nata takes place due to.  In guard cells an.  C) compensate the loss of water D) Reduce temperature effect  C) Lenticels D) Stomata In the shade of a roof due to. C) Guttation D) Green leaves Id hydrophytes takes place through. C) Lenticels D) None
Q.27 Q.28 Q.29 Q.30	A) Bordered pits B) Stomata The opening and closing of stom A) Effect of hormones B) Pressure of gases inside the leaf C) Genetic constitution D) Changes in the turgor pressure in By process of guttation plants ca A) Excrete the salt B) Remove excess water Guttation takes place through. A) Wounds B) Hydathodes The shade of a tree is cooler tha A) Transpiration B) Photosynthesis Gaseous exchange in submerged A) Stomata B) General surface Movement of water and solutes	D) lenticels nata takes place due to.  In guard cells an.  C) compensate the loss of water D) Reduce temperature effect  C) Lenticels D) Stomata In the shade of a roof due to. C) Guttation D) Green leaves Id hydrophytes takes place through. C) Lenticels D) None is negligible along the
Q.27 Q.28 Q.29 Q.30	A) Bordered pits B) Stomata The opening and closing of stom A) Effect of hormones B) Pressure of gases inside the leaf C) Genetic constitution D) Changes in the turgor pressure in By process of guttation plants ca A) Excrete the salt B) Remove excess water Guttation takes place through. A) Wounds B) Hydathodes The shade of a tree is cooler tha A) Transpiration B) Photosynthesis Gaseous exchange in submerged A) Stomata B) General surface Movement of water and solutes A) Symplast pathway	D) lenticels nata takes place due to.  In guard cells an.  C) compensate the loss of water D) Reduce temperature effect  C) Lenticels D) Stomata In the shade of a roof due to. C) Guttation D) Green leaves Id hydrophytes takes place through. C) Lenticels D) None Is negligible along the C) Vacular pathway
Q.27 Q.28 Q.29 Q.30 Q.31	A) Bordered pits B) Stomata The opening and closing of stom A) Effect of hormones B) Pressure of gases inside the leaf C) Genetic constitution D) Changes in the turgor pressure in By process of guttation plants ca A) Excrete the salt B) Remove excess water Guttation takes place through. A) Wounds B) Hydathodes The shade of a tree is cooler tha A) Transpiration B) Photosynthesis Gaseous exchange in submerged A) Stomata B) General surface Movement of water and solutes A) Symplast pathway B) Apoplast pathway	D) lenticels nata takes place due to.  In guard cells an.  C) compensate the loss of water D) Reduce temperature effect  C) Lenticels D) Stomata In the shade of a roof due to. C) Guttation D) Green leaves Id hydrophytes takes place through. C) Lenticels D) None Is negligible along the C) Vacular pathway D) Both b & c
Q.26 Q.27 Q.28 Q.29 Q.30 Q.31	A) Bordered pits B) Stomata The opening and closing of stom A) Effect of hormones B) Pressure of gases inside the leaf C) Genetic constitution D) Changes in the turgor pressure in By process of guttation plants ca A) Excrete the salt B) Remove excess water Guttation takes place through. A) Wounds B) Hydathodes The shade of a tree is cooler that A) Transpiration B) Photosynthesis Gaseous exchange in submerged A) Stomata B) General surface Movement of water and solutes A) Symplast pathway B) Apoplast pathway Cohesion tension theory was presented.	D) lenticels nata takes place due to.  In guard cells an.  C) compensate the loss of water D) Reduce temperature effect  C) Lenticels D) Stomata In the shade of a roof due to. C) Guttation D) Green leaves Id hydrophytes takes place through. C) Lenticels D) None Is negligible along the C) Vacular pathway D) Both b & c
Q.27 Q.28 Q.29 Q.30 Q.31	A) Bordered pits B) Stomata The opening and closing of stom A) Effect of hormones B) Pressure of gases inside the leaf C) Genetic constitution D) Changes in the turgor pressure in By process of guttation plants ca A) Excrete the salt B) Remove excess water Guttation takes place through. A) Wounds B) Hydathodes The shade of a tree is cooler tha A) Transpiration B) Photosynthesis Gaseous exchange in submerged A) Stomata B) General surface Movement of water and solutes A) Symplast pathway B) Apoplast pathway	D) lenticels nata takes place due to.  In guard cells an.  C) compensate the loss of water D) Reduce temperature effect  C) Lenticels D) Stomata In the shade of a roof due to. C) Guttation D) Green leaves Id hydrophytes takes place through. C) Lenticels D) None Is negligible along the C) Vacular pathway D) Both b & c

# (nutrition, gaseous exchange and transport)

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### ANSWERS

	A	2.	С	3.	В	4.	C	5.	A	6.	D	7.	8 8.
1.	^	a depression of the		11.	D	12.	D	13.	C	14.	В	15.	A 16.
9.	<u>c</u>	10.	B	19.	c	20.	c	21.	A	22.	A	23.	D 24
17.	A	18.	D			28.	В	29.	A	30.	В	31.	C 32.
25.	C	26.	D	27.	В	20.	-				- remove t	-	32.



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IMMUNITY 12,000+ Question Bank plasma cells are A) the same as memory cells C) B cells that are actively secreting antibody B) formed from blood plasma D) inactive T cells carried in the plasma Antibodies combine with antigens A) at variable regions C) only if macrophages are present 0.2 B) at constant region D) both A and C are correct In addition to the immune system, we are protected from disease by A) normal body temperature C) antigens 0.3 B) hormones D) mucous membrane and cilia Fever A) decrease interferon production Q.4 B) decrease the concentration of iron in the blood c) decrease the activity of phagocytes D) decrease the inflammation T and B cells are Q.5 A) lymphocytes C) natural killer cells B) macrophages D) red blood cells When B-cells are presented with antigen they differentiate into Q.6 A) T-cells C) plasma cells B) helper T-cells D) bursa cells When one receives a booster shot for polio which type of cell is most dire stimulated? Q.7 A) killer T-cells C) phagocytes B) memory cells D) suppressor cells

#### **ANSWERS**

3. C

~1	HCI in gastric juice is secreted by	which one of the following cells?
Q.1	A) Chief cells	C) Mucous cells
	B) Oxyntic cells	D) Kupffer cells
0.2	The lymph vessel of villi is called:	
Q.2	A) Epithelium	C) Adenoids
	B) Afferent lymph vessel	D) Lacteal
Q.3	Oxyntic cells in stomach produce:	O A STATE OF THE S
Q.S	A) Pepsin	C) Gastrin
	B) Pensingen	D) HCI
Q.4	B) Pepsinogen The hormone which inhibits the se	ecretion of gastric jules
4	A) Secretin	C) Thyroxin D) Parathormone
	B) Gastrin	D) Paracionis
Q.5	Trypsinogen is activated to trypsin	by:
4.0	A) HCI	
	B) Enterokinase	D) Gastrin
Q.6	The emulsification of fats is the ro	le of:
	A) Saliva	SEVANDA ANTONIO
	B) Pancreatic juice	D) Bile to the action of enzyme present
Q.7	Digestion of starts	n oral cavity due to the action of enzyme present in
•	saliva:	C) Fatty Acids
	A) Starch	p) Polypeptides
	B) Cellulose Which of the following enzyme is	leased in an inactive form?
Q.8	Which of the following enzyme is	C) Enterokinase
1 4-	A) Amylase	D) Pensin
	B) Lipase	s stimulate the secretion of pancreatic juice from
Q.9		S Stillier
	pancreas in liver?	C) Gastrin
	A) Secretin	D) Both gastrin & secretin
	B) Pepsinogen  In large intestine vitamin k is form	ed by the activity of:
Q.10	In large intestine vitamin k is in	
	A) Symbiotic bacteria	D) Facultative bacteria
	Obligate parasite     During swallowing of food, which s	structure closes nasal opening?
Q.1	A) Hard palate	C) Epiglottis
	D) Coff calate	D) Larynx
Q.1	The muscles of the stomach walls	thoroughly mix up the food with gastric juices and the
4.2	resulting semi-solid/semi-liquid m	aterial is called:
	A) Bolus	C) Mucus
	B) Bolus or chime	D) Chyme
Q.13	3 Trypsinogen is converted into tryps	sin by the activity of:
	A) Goblet cells	C) Enterokinase
	B) Absorptive cells	D) Peptidase
Q.14		med by the activity of:
	A) Symbiotic bacteria	C) Parasitic bacteria
	B) Obligate parasite	(d)Facultative bacteria
Q.15		
	A) HCI	C) Enzymes
0 16	B) Mucus	D) Amylase
Q.16	Miletel	
	Which one of the following vitamins	s is produced by microflora of large intestine?
	A) VICALIMI D	c). Vitamin C
0.17	B) Vitamin K	C). Vitamin C D) Vitamin A
Q.17	B) Vitamin K is activated to	C). Vitamin C D) Vitamin A
Q.17	B) Vitamin K is activated to by the lining of duodenum:	C). Vitamin C D) Vitamin A
Q.17	B) Vitamin K  is activated to by the lining of duodenum: A) Trypsinogen, trypsin	C). Vitamin C D) Vitamin A by enterokinase/enteropeptidase enzyme secreted
	B) Vitamin K  — is activated to by the lining of duodenum:  A) Trypsinogen, trypsin  B) Pepsinogen, pepsin	C). Vitamin C D) Vitamin A by enterokinase/enteropeptidase enzyme secreted C) Pepsinogen, Trypsin
Q.17 Q.18	B) Vitamin K  is activated to by the lining of duodenum:  A) Trypsinogen, trypsin  B) Pepsinogen, pepsin  Which of the following are absorbed	C). Vitamin C D) Vitamin A by enterokinase/enteropeptidase enzyme secreted C) Pepsinogen, Trypsin
Q.18	B) Vitamin K  is activated to by the lining of duodenum: A) Trypsinogen, trypsin	C). Vitamin C D) Vitamin A by enterokinase/enteropeptidase enzyme secreted C) Pepsinogen, Trypsin

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A. C. S.

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A) Rectum

B) Stomach

23

C) Oral cavity

D) Small intestine

### DIGESTIVE SYSTEM

	also called	as Countic calls
Q.36	Zymogen cells are also called	C) Oxyntic cells D) Mucous cells
	A) Parietal Cells	
	B) Chief cells Release of pancreatic juice is stimulat	C) Tripsinogen
Q.37	Release of pancreacte	D) Gastrin
	A A AF - A - WAR CAPE TO BE A ST	
	B) Secretin  What is common among amylase, ren  what is common among amylase, ren	C) These all are proteins
Q.38	A) These are produced in stomach	D) These all are proteolytic enzymes
	These are produced than 7     These act at a pH lower than 7	D) These and the processing enzymes
	B) These act at a pH lower than / Protection and lubrication of stomach	C) Food
Q.39	Protection and the	D) Mucous
	A) Pepsin  B) HCI  B) HCI  B) HCI	10
0.40	of Coblet Cells is to see	C) Pepsinogen
Q.40	A) Gastrin	D) Mucus
	the state of the s	
Q.41	B) Hydrochloric acid  Gastric glands are composed of types	C) Four
4.4.	A) Two	D) Five
		ntestine through:
Q.42	B) Three Food enters from stomach into small in	C) Semilunar valve
September 1	A) Pyloric Sphincter	D) Diaphragm
	B) Cardiac Sphincter	land which produce hydrochloric acid:
Q.43		C) Cilie Cells
	A) Parietal Cells	D) Zymogen Cells
	B) Gobiet Cells  Protein components of food are digest	ed by the enzymatic secretion of:
Q.44	Protein components of root are	C) Zymogen cens
	A) Goblet Cells  B) Parietal Cells	D) Oxyntic Cells
	B) Parietal Cells Digestive system consist of different la	yers, the innermost is known as:
Q.45	A) Submucosa	C) Muscularis
	B) Mucosa	D) Serosa
Q.46	Pepsin hydrolyzes proteins to yield	
Q.40	A) Peptones	C) Amino acids
	B) Polypeptides	D) Both 'a' & 'b'
	Duodenum is aboutlong	
	A) 20-22 cm	C) 20-25 cm
i i	B) 15-25 cm	D) 15-22 cm
Q.48	epsinogen is activated to pepsin by	
	A) active secretin	C) active pepsin and HCI
	B) hydrochloric acid	D) gastrin
	iver secretes bile into the	
	A) duodenum	C) jejunum
		D) peritoneum
	) ileum	
117.00	mulsification of fat will not occur in th	
A	) lipase	C) bile sat
B)	bile pigment	D) pancreatic juice
51 Fa	atty acids and glycerol are first absorb	ed by
	) lymph vessel	C) blood capillaries
	) villi	D) hepatic portal vein
		g secretion of hydrochioroic acid bti stomach
		g secretion of nyurochloroic acid bu stand
	lls is	Classicia
	pepsin	C) gastrin
B)	secretin	D) insulin

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DIGESTIVE SYSTEM

trypsinogen is changed to trypsin by

Q.53 trypsinogen is

A) gastrin

B) enterokinase

C) secretin

D) hydrochloric acid

#### **ANSWERS**

13	D	3.	d	4.	A	15	ТВ
B 2.	a	8.	d	9.	а	10	В
1 0 1	C	13.	A	14.	В	10.	
5 D 12.		18.	C			15.	В
11. A 17.	^			19.	D	20.	В
16 22.	A	23.	С	24.	C	25.	A
16. D 27.	В	28.	В	29.	D	30.	A
36 A 32.	С	33.	C	34.	D	35.	В
37	C	38.	D	39.	D	40.	C
30 0	A	43.	C	44.	В		D
A 47	C	48.	A	49.		45.	-
41. D 47. 46. C 52.	В		1	43.	С	50.	A
40. C JZ.				10 6,5013		Charles Villa	

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_	A HO The r	eaction site capill.							
	H-> H2CO1-> CO1 + 11	eaction shown above occurs in the capillarie							
Q.1		a leadary fiftuit							
	the:	are in which blood flows dia-							
	A) eye  B) stomach Which of the following are the only vertebrates in which blood flows directly from the following are the only vertebrates in which blood flows directly from Which of the following are the only vertebrates in which blood flows directly from Which of the following are the only vertebrates in which blood flows directly from Which of the following are the only vertebrates in which blood flows directly from Which of the following are the only vertebrates in which blood flows directly from Which of the following are the only vertebrates in which blood flows directly from Which of the following are the only vertebrates in which blood flows directly from Which of the following are the only vertebrates in which blood flows directly from Which of the following are the only vertebrates in which blood flows directly from the following are the only vertebrates in which blood flows directly from the following are the only vertebrates in which blood flows directly from the following are the only vertebrates in which blood flows directly from the following are the only vertebrates in which blood flows directly from the following are the only vertebrates in which blood flows directly from the following are the only vertebrates in which blood flows directly from the following are the only vertebrates in which blood flows directly from the following are the only vertebrates in which blood flows directly from the following are the only vertebrates in which blood flows directly from the following are the only vertebrates in which blood flows directly from the following are the only vertebrates in which blood flows directly from the following are the only vertebrates in which blood flows directly from the following are the only vertebrates in which blood flows directly flows directly from the following are the only vertebrates in which blood flows directly flows dire								
	B) stories of the following are the	ing to the fleat							
Q.2									
	respiratory	D) Mammais							
	A) Ampailement	exhalation of all from fungs?							
	b) Fishes the following occurs with decrea	ses.							
Q.3									
	B) The diaphragm contracts.  B) The diaphragm contracts.								
	C) The epiglottis closes.								
	C) The epigode.  D) The rib cage expands.  C) In the 02-binding site of hemoglobin  Most of the CO2 in the blood is transported:  C) In the 02-binding site of hemoglobin  D) As bicarbonate ions								
	D) The no cost in the blood is transport	C) In the O2-binding site of hemoglobin							
Q.4	Most of the CO <sub>2</sub> in the plasma  A) As a gas dissolved in the plasma  A) As a gas dissolved in the plasma  (H <sub>2</sub> CO <sub>3</sub> )	D) As bicarbonate ions							
	A) As a gas dissolved in the plasma  D) As bicarbonate forms  D) As bicarbonate forms  E) As undissociated carbonic acid (H <sub>2</sub> CO <sub>3</sub> )  E) As undissociated carbonic acid (H <sub>2</sub> CO <sub>3</sub> )  E) As bicarbonate forms  C) increase many folds  C) increase many folds  D) is doubled								
	B) As undissection dioxide pressure is indea	C) increase many folds							
Q.5	When Carbon -	D) is doubled							
	A) decrease     B) remain constant     Exchange of gases during organismic re	spiration is carried out only by?							
	B) remain con gases during organismic re	C) Diffusion							
Q.6	Exchange of g	D) Vaporization							
	A) Osmosis     B) Evaporation     Hemoglobin in man increase the oxygen	carrying capacity upto							
	B) Evaporation in man increase the oxygen	C) 50 times							
Q.7	A) 75 times	D) 100 times							
	A) 75 times     B) 60 times     Cellular respiration is the process in which	ich cell utilizes Oxygen to produce?							
_	Callular respiration is the process in Wil	C) Carbon monoxide							
Q.8	A) Glucose	D) Proteins							
	R) Carbon dioxide	ent of Oxygen?							
	B) Carbon dioxide Which of the following have higher cont	C) SO							
Q.9	A) Water	D) CO2							
	they ar voice box is dilution	C) Oral cavity							
Q.10	A) Pharynx	D) Trachea							
	E) Larvox	adveces the friction, is called							
	6) Larynx Membrane, which covers the lungs and r	C) Pulmonary membrane							
Q.11	A) Mesentery	D) Pericardium							
	C) Diaura	D) Pericardian							
	During inspiration, the diaphragm?	C) Contracts and goes downward							
Q.12	A) Contracts and rises	C) Contracts and goes downward							
	E) Pelayes and rises	D) Relaxes and goes downward							
	Blood contains oxygen per 100 ml	of blood when hemoglobin is 98% saturate  C) 18.6 ml							
2.13	A) 17.6 ml	ACTIVITY OF CONTRACT OF THE CO							
	B) 19.6 ml	D) 16.6 ml							
	Glottis is the opening of								
.14	d) Smoothis	C) Trachea							
	A) Bronchus	D) Nose							
	B) Voice box When blood leaves the capillary bed mos	at of carbon dioxide is in the form of							
.15	When blood leaves the capital	C) Bicarbonate ion							
	A) Carbonate ion	D) All of these							
	B) Carbonic acid  Bronchi with a diameter of or less are called bronchioles:								
.16		C) 10 mm							
	A) 5 mm	D) 1 mm							
	B) 2 mm Air sac consists of several microscopic si	nole layered structures called:							
.17	Air sac consists of several microscopic si	C) Parabronchi							
	A) Bronchi	D) None of these							
	B) Alveoli	b) Notic of these							

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7	CHANGE breathing occurs in hun	the frequency of
-	(F)1179	nans at the frequency of times per
		C) 15-20
	A) 10-15 A) 10-25 are composed of:	D) 25-30
	A) 10-15 B) 20-25 Walls of chest cavity are composed of:	
	salls of chest cover	C) Intercostal muscles
9		
		on -f -!
		ing the lune in part the result of:
0	. The live	and .
	A) The muscles of the lungs relaxing, allow  A) The muscles of the lungs relaxing, allow  B) Decreased pressure of the interpleural fi  B) Decreased pressure of the muscles of the discontraction o	and
	B) The contraction of the muscles of the di	aphragm
	C) The contraction of the Correct D) Both 'a' & 'b' are correct unit of lungs:	
	D) Both 'a' & 'b' are correct unit of lungs:	
1	Air sac is	C) Functional
	A) Structural A) Structural	D) None of the above
	B) Both 'a' & 'b' Larynx is the modified portion of:	or the above
	Larvnx Is the	C) Voice box
2	A) Pharynx	D) Trachea
		Iry haemestatis t
2	When oxygen tension is a some merce	saturated:
3	A) 60%	C) 90%
	a. 100%	D) 20%
	plasma proteins carry about C	O <sub>2</sub> from the body fluids to the lung capillaries:
4	A) 2%	C) 3%
	-, -0/-	D) 10%
	Myoglobin is haemoglobin-like	containing protein:
5	A) Oxygen	C) Carbon dioxide
		D) All the above
	B) Iron CO2 is carried as carboxyha	
6		C)40%
	A)20%	D)70%
	B)50%	
7	The combination of oxygen with haem	
	A) Oxidation	C) Oxygenation
	B) Reduction	D) Both 'a' & 'b'
8	The most powerful respiratory stimul	
	A) Loss of oxygen in tissues	C) Increase of carbon dioxide
	B) pH (acidosis)	D) pH (alkalosis)
9	Bronchi branch into the tubes of small	ller diameters (less than 1 mm) known as:
,	A) Microtrachea	C) Bronchioles
	B) Alveoli	D) Eustachian tubes
•		
0	Tidal volume is air:	piration
	A) Remaining in the lungs after forced ex	piracion
	B) Exchanged during normal breathing	
	C) Inhaled after normal inspiration	
	D) Forcibly expelled after normal expiration	on
1	Oxygen and carbon dioxide are exch	anged in the lungs and through all cell membrane
	by:	
	A) Osmosis	C) Diffusion
		D) Active transport
2	B) Filtration	
•		acids of hemoglobin as carbaminohemoglobin in the re
	B) As the bicarbonate ion in the plasma a	for first entering the red blood cells
	C) As carbonic acid in the plasma	the of homoglobia
	D) Chemically combined with the heme p	ortion of nemoglobili
2	Which of the first transition the grant	reatest surface area for gas exchange?
3	the following provide the gr	
13	A) Alveolar sacs	C) Alveoli
3	A) Alveolar sacs	C) Alveoli D) Alveolar ducts
3	A) Aiveolar sacs     B) Respiratory bronchioles	C) Alveoli

GRIP ENTRY TEST BOOK SEA

0.14	The nose serves all the following	functions except:  C) As the initiator of the
Q.34	A) As a passageway for air moveme	nt C) As the initiator of the cough reflex  D) Cleansing the air
	as warming and humidifying the air	D) Cleansing the air
Q.35	The critical first event in human	Inspiration
4.55	A) Collapse of the alveoli	C) Relaxation of the diaphragm muscle  D) Contraction of the diaphragm muscle ment is not correct regarding trachea?
	as Margalar constriction of the winds	bipe D) Contraction of the diaphragm
Q.36	which one of the following states	ment is not correct regarding tracheas muscle
4.00	to the must be a section to the must	cular esophagus
	B) It splits into the right and left broi	ichi to suppry un to the langs
	C) Opening to the trachea is covered	by epiglottis
	D) Teachest once are Cachaned	
Q.37	Opening to the trachea is covered	by a small flap of tissues termed as the:
	A) Glottis	C) fractiea
	B) Epiglottis	D) Larynx
Q.38	What is another name for the wind	dplpe?
	A) Lungs	C) Larynx
	B) Trachea	D) Oesophagus
Q.39	The following structures are found	in the walls of the gas exchange system:
	i. Capillaries II. Cilia III. Ela	stic fibres iv. Goblet cells
	v. Smooth muscle cells	
1	Which would be found in the lining	of an alveolus?
	A) 1 & iii	C) I, II & III
0241100121	3) ii & v	D) IV & V
	Cartilage is found in which structure	
	) Alveolus	C) Bronchiole
8	) Capillary	D) Trachea
Q.41 V	which of the following is not a role	of elastic fibres in the gas exchange system?
	Recoil to force air out of the alveoli di	
C	Stretch to accommodate more air in t	he alveoli during deep breathing
Q.42 W	Stretch to increase the surface area of	of the alveoli for gas exchange
Q.42 W	nich of the following best describe	s the process of gas exchange in the lungs?
R)	Air moves in and out of the alveoli dur	ring breathing
C)	Oxygen and sarban district district	nated blood in capillaries into the alveolar air wn their concentration gradients between blood and
alv	eolar air	wn their concentration gradients between blood
131	Durings diff	
Q.43 Wh	Oxygen diff uses from alveolar air into	deoxygenated blood
A) (	arbon managed and substances in	tobacco smoke damage the gas exchange
B) (	arbon monoxide and carcinogens	tobacco smoke damage the gas exchange system?  C) Carbon monoxide and nicotine
	or chiodens and far	the barrier of the same of the
ALA	-smokers can force out about	O) Nicotine and tar  of air after taking a deep breath:
R) 4	Gm <sup>2</sup>	C) 2 dm <sup>3</sup>
2.45 If yo	.5 dm <sup>3</sup>	
the the	nold your breath for a long time	
the p	oH of body fluids is likely to	and and likely to and
	case, increase	
46 B) Inc	rease; decrease	C) Decrease; increase
.46 Wher	you take a deep breath, your sto	D) Decrease; decrease
A) Sw	allowing air increases the volume of the stomach shouldn't move out when	mach moves out because:
0) 100	ir stomach shouldn't many	thoracic cavity
of	your chest cavity to	you take a deep broath be
C) Con	tracting your abdominal pour	ir abdominal cavity
your lu	nas pus	nes vour stomach
D) Whe	en your diaphragm contact	r abdominal cavity hes your stomach out, generating negative pressure in
7 The no	se, pharung and contracts, it moves	s down, pressing your abdominal cavity out
A) Resp	piratory division	tures are all part and ominal cavity out
B) Lowe	er respiratory system	C) Upper received the:
	y system	C) Upper respiratory system  D) Bronship I in the control of the c
		D) Bronchial tree
PINSTITUTE	A CONTRACTOR OF THE PROPERTY O	

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	wife inhale?	Question bank
7	what occurs when you inhale?	ncreasing the air pressure
ist.	what occurs with lungs increases, what volume of the lungs decreases,  the volume of the lungs increases,  a) the volume of the lungs increases,  the volume of the lungs increases,  a) the volume of the lungs decreases,  a) the volume of the lungs and moves (a) the diaphragm relaxes and rises  c) the diaphragm relaxes and rises  c) the diaphragm diaphragm relaxes are in the lungs decreases,  a) the diaphragm relaxes and rises  c) the diaphragm diaphragm relaxes are in the lungs decreases,  a) the diaphragm relaxes and rises  c) the diaphragm diaphragm relaxes are in the lungs increases.	increasing the air pressure
6	what volume of the lungs and moves	downward
10	of the solume am nattens and rises	
	al diel and le le the	lung capillaries to
	c) the diaphrager dioxids pressure in the p) the diaphrager dioxids pressure in the p) that that in alveolar air alveolar air that in alveolar air alveolar air alveolar air atory tubes devoid of car	C) man th
	o) The bon diveolar air	C) more than that in alveolar air
	the chan that in alveolar air	D) similar to oxygen pressure in the capillaries
0.59	a) less ito that tubes devoid of car	tilaginous rings are.
	of en college	C) bronchi
	The hea	D) none of these
0.50	a) trachioles	which.
0-	A) tranchioles  B) bronchioles  Tissue respiration is a process by the respiration is a process by the process	C) proteins are broken down
	rissue respirates are synthesised  A) carbohydrates are metabolised  B) fat molecules are metabolised  B) fat molecules are metabolised  A) carbohydrates are metabolised	D) energy is liberated
0.51	A) carbohydrates are metabolised  A) carbohydrates are metabolised  B) fat molecules are metabolised  To take air into the lungs the diaple to take shaped	nragm must be
	a) into the	C) oblique
	(all ned	D) pormal
0.52	To take all to take all and to	D) normal semoglobin because of its dissociation caused by. C) high CO <sub>2</sub> concentration
	- htall Oz	remographin because of its dissociation caused by.
	Body tissues obtain  Body tissues obtain  A) low O2 concentration  CO2 concentration	C) high CO <sub>2</sub> concentration
0.53	A) low O2 concentration  B) low CO2 concentration  B) low CO2 concentration  B) low CO2 concentration  B) low CO2 concentration	D) low O2 and high CO2 concentration
	A) low CO <sub>2</sub> concentration  B) low CO <sub>2</sub> concentration  Find the incorrectly matched pair.  Find the binds with the amine radicals	
	Find the incorrectly matched pair.	s of haemoglobin
Q.54		
	O = Division radicals	Of the clobin casts of t
	all 3, pro	f carbon diovide
	to the tissue of haemonioh	in to oxygen but decreases it
Q.55	A) increases the affinity of haemoglob     B) increases the affinity of haemoglob	in to both oxygen and but
100	n increases the affinity of haemoglob	in to both oxygen and nydrogen
	B) increases the affinity of haemoglob c)decreases the affinity of haemoglob	to both oxygen and hydrogen
	experiences the affinity of naemoglot	oin to oxygen but increases its affinity to hydrogen e do not inspire for sometimes due to
	taking a long	
Q.56	mare CO: III blood	-, more of m blood
4	COLUMN TO THE TOTAL OF THE TOTA	D) less O <sub>2</sub> blood
		oxygen and deoxyhaemoglobin at.
Q.57	O Brocklife III LISSUE	C/ IIIIII C/ DIESSUIN IN TICCHA
	nressure miside and outsi	de tissue D) all times irrespective of Oppressure
	the the amount of carbon dio	and per 100 iii of blood in venous blood in men?
Q.58	A) 54 ml	C) 30 IIII
	n) 04 m	D) 98 ml
Q.59	and the the amount of Carbon dio	xide per 100 ml of blood in arterial blood in men?
Q.33	A) 50 ml	C) 54 ml
	g) 04 ml	D) 98 ml
0.60	How much air lungs can hold whe	n they are fully inflated?
	A) 5 liters	C) 4 liters
	B) 4.5 liters	D) 3.5 liters
Q.61	Exchange of onlyml of CO <sub>2</sub> p	per 100 ml of blood occurs between blood and lungs and
	between blood and tissues:	
	A) 2	C) 4
0.63	8) 6	D) 8
Q.62		m entering the air passages to the lungs?
	A) Trachea B) Glottis	C) Epiglottis
0.63		D) Diaphragm
4.00	Which is the correct path of air the A) Nose → Trachea → Lungs → Alveo	
	B) Nose → Lungs → Trachea → Alveo	li C) Nose → Alveoli → Lungs → Trachea
Q.64	What statement about gas exchain	D) Nose → Trachea → Alveoli → Lungs
8	A) The alveoli are surrounded by a la	rge is correct?
	B) Oxygen and carbon diguide fallers	concentration gradients in the bronchi
	C) The large surface area of the allow	oli is needed for sufficient gas exchange
	D) The blood must be moist to carry	n is needed for sufficient gas exchange
	must be moist to carry	gases
	A1-201	
	the state of the s	

	Q.65	Where does gas exchange take pla	ace?
		A) Between arteries & alveoli	C) Between Capillaries R at
		B) Between veins & bronchi	D) Between capillaries & bronchioles
	Q.66		blood?
		A) Bound to hemoglobin in red blood of	ells
		B) Bound to hemoglobin in the liquid p	art of the blood
		C) Bound to free iron atoms	
	Q.67	D) Free in red blood cells Why does carbon dioxide move out	of the blood in the lungs?
	Q.07		
		B) The medulla signals the blood to rele	ease carbonic acid higher in the blood than in the alveoli, so the pons signal the blood than in the alveoli, so it dies
		C) Carbon dioxide concentrations are h	igher in the blood than in the alveoli, so the po-
		to diffuse out.	slong slong the alvesti
		D) Carbon dioxide concentrations are h	igher in the blood than in the alveoli, so it diffuses out a functional process performed by the respiratory  C) Transport of respiratory gases
	Q.68	Which of the choices below is not	a foretroite property the respi
		system?	C) Transport of respiratory gases
		A) Pulmonary ventilation	D) Pulmonary respiration
	0.60	B) External respiration	e patency (openness) of the trachea?
	Q.69	A) Surface tension of water	C/ Suitectorie
		B) Cartilage rings	D) Pseudostratified ciliated epithelium
	Q.70	The volume of air that can be exhale	d during forced breathing in addition to tidal volum
	4.7.0	is:	C) Employees reserve volume
		A) Residual volume	C) Expiratory reserve volume  D) Total lung capacity
	E	3) Vital capacity	D) Total lung capacity
	Q.71 I	During inspiration:	
	A	) Diaphragm and external muscles relax	ecles relax
	В	i) Diaphragm and internal intercostal mu	uscles contract
	C	) Diaphragm and external intercostal mu ) Diaphragm and internal intercostal mu ) Diaphragm and internal intercostal mu	scles contract
		ocrease in CO <sub>2</sub> concentration shall co	ause:
		ciana and challower breathing	C) Slower and deeper breathing
	-	Factor and deeper breathing	D) No effect on breathing
7/9	B)	raster and deeper present and damager	d with reduced surface area in heavy smokers. The
	Q.73 AI	ndition is called:	The same of the sa
		Silicosis	C) Emphysema
	BI	Asthma	D) Bronchitis
•	.74 Gas	ses diffuse over the respiratory sur	face because of:
Q	A) (	Oz is more in alveoli than in blood	C) O <sub>2</sub> is more in blood than in tissues
	B) C	O2 is more in alveoli than in blood	D) PCO2 is more in blood than in tissues
0		al cords occur in:	
Q.		narynx	C) Larynx
	B) G		D) Bronchial tube
0 -		pigment which stores oxygen in m	uscles is:
Q.7			C) Myoglobin
	1-10-1-10-10-10-10-10-10-10-10-10-10-10-	emoglobin	D) Actinomyosin
	B) My	is the residual volume of air which	h always remains inside the lungs of human?
Q.7	The state of the s		C) 0.5 Liters
		Liters	D) 1.5 Liters
	B) 5.0		•
Q.78		tal inside capacity of lungs is	
	A) 7 lit	ers	C) 5 liters
	B) 6-7		D) 2.5 liters
Q.79	About	70-85% CO2 in blood is carried:	
1		arboxyhaemoglobin	C) With proteins in plasma
		y as CO <sub>2</sub>	D) As bicarbonate
2.80		yhaemoglobin (10-20%) is forme	The state of the s
		group of haemoglobin	C) Iron part of haemoglobin
		portion of haemoglobin	D) Plasma proteins
	L) Hacili	portion of nacinoglobin	of ridding process

Q.80

	HANGE	CHIRY TECT CO.
	Breathing consists of:	C) Three phases
-	athing	C) Three phases
/	Breathing Breathing phases  A) Four phase  A) coe phase  Cancer are	D) Two
81	A) Four phase B) One phase Chances of lung cancer are Chances	D) Two phases times more in those persons who smoke:  D) 100  D) 100
	B) caces of luis	C) 10 more in those
	Charle	C) 10 Persons who
9.	117	D) 100 smoke:
	B) 50 of lung cancer is caused by s	and the second s
	1	C) 70%
63	A) 20%	Iungs in which inside of lungs is damaged:  C) Lung  D) Mycobast
	6) 50% tuberculosis is a disease of	lungs in which
	tory	C) lumich inside of lum
84	A) Respiratory	C) rung langs is damaged:
	A) Respiratory B) Pulmonary Is an allergic reaction to	D) Mycobacterium
		pollen, spores, cold b
85	A) Emphysema	D) Mycobacterium  o pollen, spores, cold, humidity and pollution etc:  D) Cancer
	A) Emphysema B) Respiratory distress syndrome B) Respiratory distress syndrome B) Respiratory distress syndrome	D) Cancer
	B) Respiratory distress syndrome  B) Respiratory distress syndrome  Emphysema is the breakdown of:	
86	Empri	C) Parah
	AL MODI	C) Parabronchi
		111 1 110 - 100 100 100 100
	Luman Discussion	Cite tissues is:
87	a glood plastile	C) Red blood call
	B) Haemoglobin	D) Lymphocytes
	Larynx opens into price you	TOTAL DESIGNATION OF THE PARTY
0-	A) Gullet	C) Glottis
	Foignitus	D) At
	attusion of U2 into chest cavity and	CO2 out occurs du liese
89	AT LIEUTING DI GOOD	C) Partial - Co:
	B) High blood pressure	C) Partial pressure of gases D) Both 'a' 8 14
	Haemoglobin combines with oxyger	D) Both 'a' & 'b'
90	A) Oxyhaemoglobin	
	B) Peroxyhaemoglobin	C) Haemoglobin dioxide
	B) Peroxyndernogreen	U) Damoalaki
91	Haemoglobin can absorb maximum	73-11
	A) In the water	C) At sea level
	B) On the earth	D) o
92	The most important muscular stru	cture in respiratory system of animals which causes
	inspiration:	y system of animals which causes
	A) External intercostals muscles	
	B) Diaphragm	C) Internal intercostals muscles
93		11) PIDC
,,	A) Glycoproteins	
		C) Glycolipids
0.	B) Lipoproteins	D) Cholesterols
94	ine continual beating of their cilia	carries the carpet of mucus upwards towards the
		apwards towards the
	A) 10cm min <sup>-1</sup>	C) 10mm min <sup>-1</sup>
	B) 1mm min <sup>-1</sup>	
95	Lung cancer takes to de	D) 1cm min <sup>-1</sup>
	A) 10-20 years	evelop:
	B) 15-20 years	C) 20-30 years
96	How oxygen and	D) 20-40 years
-07	How oxygen enters in blood from a	lveoli of lungs?
	ricasdie of CO2	C) Simple diffusion
97	B) By haemoglobin	D) None of these
*1	During inspiration, diaphragma	a principle of these
	, contracts	C) Everade
	B) Neither	C) Expands
98	During inspiration of expands	D) First contracts and then expands the chest cavity is increased due to.
		the chest cavity is increased due to.
	A) The relaxation of the muscles of the B) Relaxation of the external interpretation of the external interpretation.	diaphragm
	B) Relaxation of the muscles of the C)Increased pressure	il muscles
	C)Increased pressure	
	ontraction of the museles of the	dianhraam
	THE PROPERTY OF THE PROPERTY OF THE	A CILL DEDUCE ACCUSE
	D)The contraction of the muscles of the	e diaphragni

#### GAS EXCHANGE

Q.99	A disease caused by gradual breakdo	own of the thin walls of alveoli is
Q.99	A) Tuberculosis	C) Astimo
	D) 5	D) Bronchitis
0.100	During breathing air from pharynx ce	enters to. 2018
	A) Teaches	
	B) Alveoli	D) Bronchi all leads to which type of disease in a smok D) Bronchitis D) Asthma
0.101	Gradual beak down of the alveolar W	all leads to which type of disease in a
4.101	A) Cororary heart disease	C) Bronchitis
	D) Francisco a conc	
0.102	which of the following statement is C	orrect about the respiratory pigments?
4	A) Mycolobin and hemoglobin has nigher	allilley for file oget
	B) Cyanida and hemoglobin has low alling	ty for oxygen
	Company to the contract of the	as compared to nemographi
	DiAlbumin alabulin and proteins are prese	ent in respiratory pigments
0.103	The low levels of surfactant produced	by alveolar epithelium cause,
4.105	A) Respiratory distress syndrome	C) Emphysema
	B) Bronchitis	D) Asthma
0.104	The opening into the wind pipe or trace	chea is called.
	A) larynx	C) epiglottis
	B) glottis	D) bronchi
0 105	Ciliated epithelium in the trachea of m	nammals helps in.
	A) sucking in air	C) pushing expired air out
	B) pushing mucus out	D) keeping the alveolar air in circulation
0 106	Which of the following is entirely made	e of cartilage?
	A) Nasal septum	C) larynx
	B) glottis	D) trachea
0 107	Volume of air left after maximum forc	eful expiration in humans is.
	A) total lung capacity	C) residual volume
	s) vital capacity	D) tidal volume
0 100 1	low much amount of oxygen is presen	
		C)1.34ml
	)20ml	D)13.4ml
0 100 0	)40ml exygen binding to haemoglobin in bloo	
Q.109 O	) directly proportional to the concentration	of CO2 in the medium
A	) inversely proportional to the concentration	on of COs in the medium
В	inversely proportional to the concentration	of CO in the medium
C)	directly proportional to the concentration	the madium
D)	independent of the concentration of CO in	the formation of cychaemodobin laded
Q.110 In	the alveoli the factors favourable for	the formation of cxyhaemoglobin includ
A)	low PO2, high PCO2 and high H+ concents	ration
B)	low PO2 high PCO2 and high H+ concentre	ation and high temperature
C)	high PO2 high PCO2 and high H+ concent	ration
D)	high PO2, low PCO2 and low H+ concentra	ation and low temperature
).111 Ra	te of breathing is controlled by.	
A)	the amount of freely available oxygen	C) amount of carbon dioxide
B)	muscle function of the body	D) stress
112 WH	nich one of the following statement is	not correct regarding trachea.
Δ)	It usually lies posterior to muscular desor	phagus
B) 1	It splits into right and left pronchi to supp	oly air to the lungs
	pening to the trachea is covered by epig	
()	pening to the trachea is covered by epig	and C shaped
	rachea rings are incomplete cartilaginous	solute at which surface
D) t	tilaginous rings in trachea are incom	
D) t 113 Cart	doecal	C) ventral
D) t 113 Cart A) c	101541	Marianten atoms
A) ( B) la	iteral	D) ventrolateral
A) ( B) la	iteral	
A) ( B) la 114 How	teral are alveoli designed to maximize th	
A) (a B) la 114 How A) by	iteral are alveoli designed to maximize the y increasing the surface area of trachea	ne exchange of gases.
A) (a B) la 114 How A) by B) by	teral  are alveoli designed to maximize the  vincreasing the surface area of trachea  videcreasing the surface area of the lung	ne exchange of gases.
A) (a B) la 114 How A) by B) by	teral  are alveoli designed to maximize the increasing the surface area of trachea decreasing the surface area of the lung increasing the surface area of the lungs.	ne exchange of gases.

ODIN INCTITUTE \_ THE REST INSTITUTE FOR FATRY TESTS PREPARATION

,	A large portion of oxygen remains unused the tissues. This oxygen.  the tissues are reserve during muscular exercise	in the human blood even after its untake by
15	A large pos. This oxygen.	brood even after its uptake by
.115	the tissues. This oxygen. the tissues. This oxygen.  A) acts as a reserve during muscular exercise  A) acts as a reserve during muscular exercise  A) acts as a reserve during muscular exercise	
	a) raises take oxyhaemoglobin saturatic	on at 0cor
	C) is enough to take oxymatriographic saturation of the saturation	elial tissues
	p) helps in are the parts of mammalian	respiratory pathway 1 Pharvny 2 Nostrils 3
. 6	Given below Trachea 5. Nasal chamber 6. Bi	Conchigles 7 Alveoli 8 Larvay Their correct
.110	C) is enough to take	Their correct
	sequences - 2 - 8 - 4 - 6 - 7	C)2-5-1-9 1 2 6 7
	A)2-1-5-3-4-8-6	D)1 - 2 - 4 - 5 - 8 - 6 - 3 - 7
	-17 - 7	eathing movement in mammals is (i) Ribs (ii
-	A)2-1-5-3-6 B)7-5-2-1-3-4-8-6 The structure which contributes to the brother structure which contributes to the brother costal muscles (iii) Larynx (iv) Diaph Intercostal muscles (iv)	pragm (v) Sternum (vi) Enjointis
.117	Intercostal muscles (m) and (m)	C) (i),(ii),(iv) and (v)
	A) (i),(ii),(iii) and (iv) A) (v) and (vi)	D) (iii) and (vi)
	A) (i),(ii),(iii) and (vi) B) (ii),(iv),(v) and (vi) Breathing rate will increase when CO2 A) increase / rise	in our blood and sauses a in pH
	greathing rate will increase when coz	C) increase / drap
.118	A) increase / rise	C) increase / drop
17,000	A) micrease / rise	od to lines in the form of
	of carbon dioxide (CO2) is transport	ed to lings in the form of.
.119	A) increase / rise  B) decrease / rise  Bulk of carbon dioxide (CO2) is transport  Bulk of carbonate of blood plasma and RBCs  A) bicarbonate of blood plasma	
	bicarbonate of blood plasma     B) free CO <sub>2</sub> in blood plasma     bicarbonate of blood pl	to the service of the
	B) free CO <sub>2</sub> in blood plasma C) 70% carbaminohaemoglobin and 30% as b	icarbonates
	C) 70% carbaminonaemoglobin in RBCs D) carbaminohaemoglobin in RBCs	sale following does not occur?
	C) 70% carbaminonaemoglobin in RBCs D) carbaminohaemoglobin in RBCs During the initial part of inspiration which A) Intrapulmonary pressure fall	n one of the following does not decar
.120	A) Intrapulmonary pressure fall	The second secon
	A) Inches pressure rise	The second secon
	B) intrathoracic pressure rise     C) intra abdominal pressure of oxygen in dead space.	The state of the s
	C) intra abdominal pressure rise  D) the partial pressure of oxygen in dead space  D) the partial pressure oxygen in dead space  D) the partial press	ce rise .
	D) the partial pressure by all except	
121	D) the partial pressure of oxygen in dead spectory oxygen affinity is increase by all except	C) Hypoxia
	A) Alkalosis  B) increase Hb  Carboxyhemoglobin (10-20%) is formed  Amino group of hemoglobin	D) Hypothermia
	B) increase HD (10-20%) is formed	when CO2 combines with
122	Carboxyhemoglobin	C) Haem portion of hemoglobin
	A) Allillo 9.	D) Plasma proteins
	A) Amino group  B) iron part of hemoglobin  About 70-85% Co2 in blood is carried:  About 70-85% repropulate myoglobin	603
123	About 70-85% CO2 111	C) Freely as CO2
	A) As carboxylase myoglobin  B) With proteins in plasma  What is the residual volume of air which	D) As bicarbonate
	B) With proteins in plasma	always remains this de die
124	What is the residual volume of	C) 0.5 liters
.124	A) 3.5 liters	D) 1.5 liters
	B) 5.0 liters	e part of respiratory trace
125	A) 3.5 liters  B) 5.0 liters  Which one of the following represents the same takes place.	
.125	gases takes place.  A) from external nostrils upto terminal bronch	noles
	A) from external nostrils upto terminal of	
	B) glottis to respiratory bronchioles	
	Chalundi and its ducis	The second secon
	D)trachea bronchi and its ducts	
	Colour of oxyhaemoglobin is.	C) bluish red
.126	Colour of Oxymac.	
	A) dull red B) bright red The vibrations of which of these membra A) glottis	nes produces vocal sounds.
	B) bright red which of these membra	C) vocal cords
1.127	The vibrations of Willer	C) vocal cords D) epiglottis
	n/ giottis	
		The state of the s
	B) vocal sacs	
	-fore to	od annual recommendation (decided)
	A) exchange of gases between lungs and block	The state of the s
	A) exchange of gases between lungs and block	The state of the s
	-fore to	ou har an arminer to the late

Q.129		12,000 BOOK
NET SECRITORIES	form ovubant in R.B.C facili	Ilitates the combination of oxygen and hemoglobin  C) Anhydrase carboxylase  D) Carbonic hydroxylase  ut decreased surface area.
	A) Owner and option:	and band Back
	R) Carbon Se	C) Anhydrase carboxylase D) Carbonic hydroxylase ut decreased surface area is the characteristic of:
0.130	Alamanic anhydrase	D) Carbonic hydroxylase
4.230	Alveoli with an increased volume by	ut decreased surface area
	A) Asthma	C) Emphysical is the character
•	B) Lung cancer	D) Tubersema
Q.131	In the living organisms, respiration	Of Tuberculosis
	A) Organismic level	occurs at:
	B) Organismic and collular levels	C) Cellular level
Q.132	Respiring cells meed annual levels	D) None of these
	the formation of	C) Cellular level D) None of these ease energy from food molecules, which is utilized C) ADP D) Phosphate
	A) AMP	which is
	R) ATD	C) ADP
0.133	The	D) Phosphate
4.233	The purple - red respiratory pigmer  A) Fibrinogen	nt found in the blood of
- 4	A) Fibrinogen	C) Nitres alood of man is the:
	D) Hemoglobia	c) indogen
Q.134	Nasal cavities are lined with mucou	D) Oxyhemoglobin
	Nasal cavities are lined with mucou	inembrane of ciliated tissue
	D) A4	( ) Myotholium
Q.135	Small amount of Carbon district	D) Epithelium
	A) Potassium	D) Epithelium also carried by corpuscles combined with C) Magnesium
	B) Sodium	C) Magnesium
Q.136	Large duct post of	D) Chloride human nostrils by which of the following C) Hairs
	A\ Pare	human nostrils by which
	A) bone	C) Hairs
0 127	B) Mucous	D) Both board
Q.13/	Lungs are spongy due to the preser	D) Both b and c
		nee of millions of
	B) Bronchioles .	C) Alveoli
Q.138	Air sac is theunit of lungs:	D) All of these
	A) Structural	The state of the s
	B) Both a & b	C) Functional
Q.139	Each nasal cavity In	
	Each nasal cavity in man is sub-div	Ided into
	B) 4	C) 3 passage ways:
0 140		
Q.140	In man, air is channelized from the	pharvny into the
	he was at the same	C) Basshar
	B) Trachea	C) Parabronchi
Q.141	The expansion of the lung and inha	D) Larynx
	A) The muscles of the lungs relation	D) Larynx nlation of air are in part the result of:
	A) The muscles of the lungs relaxing, a     B) Decreased pressure of the internals.	allowing the lungs to get larger
	Pressure of the internier	Iral fluid
	C) The contraction of the muscles of the	ne diaphragm
0	D) boul a & D are correct	
Q.142	At seal level, the 500ml of blood w	ill have how much owners
	A) 20 ml	C) 50 ml
	B) 100 ml	C) 50 ml
Q.143	Larynx is the modified portion of:	D) 500 mi
NAME OF TAXABLE PARTY.	A) Pharynx	
	B) Bronchus	C) voice box
0 144	How owner	D) = .
4.144	How oxygen enters in blood from a	alveoli of lungs?
	A) Fressule of COZ	C) Simple diffusion
	B) By hemoglobin	
Q.145	During inspiration, diaphragm:	D) None of these
75	A) Contracts	100
		C) Expands
0.146	B) Neither contracts nor expands	D) First contracts and then expands
2.140	A) COO	nercury hemoglobin issaturated
	.,	C) 98%
	B) 100 %	D) 20%

AS E)	Plasma proteins carry about	GRIP ENTRY TEST BOOK SERIES
, AL	ema proteins carry about	CO2 from the body n
147	Plasin.	CO2 from the body fluids to the lung capillaries:
	A)2% B) 5% Myoglobin is hemoglobin-like A) Oxygen	0) 10%
	avoglobin is hemoglobin-like	containing protei
148	A) Oxygen	- Carbon diovida
	B) Ironco2 is carried as ca	D) All the above
		oxyridemoglobin in human had
.149	A) 20 %	-, .0,0
	B)50% What is common between myogl	Johin and b
150	What is common and and and and and and and and and an	and nemoglobin
.15	A) Cu	
	B) Mg	D) Fe
.151	Muscles of expiration is called  A) Diaphragm	C) external in
	Costal muscle	C) external intercostals muscle D) abdominal muscle
	when blood leaves the capillary	bed most of the carbon dioxide is in the form of
.152	A) carbonate ions	C) hydrogen ions
	L-mato lons	
153	when you inhale, the diaphragm	
2.155	A) relaxes en	C) contracts and moves upward.
	B) relaxes and moves downward	D) contracts and moves downward
454	with which other system do spe	Clalized respiratory systems most closely interfere in
2.154	exchanging guses activities	and the environment?
	A) the skin	C) the circulatory system
	B) the excretory system	D) the muscular system
2.155	Cab - fallowing is the resnire	atory surface in human respiratory system:
1.155	A) larynx	C) bronchi
	B) trachea	D) alveoli
	of the avugan transpor	
2.156	A) dissolved in plasma	C) as bicarbonate
		The second secon
	B) bound to hemoglobin	D) dissolved in water
2.157	The lateral walls of the chest car	
	A) ribs	C) ribs and intercostal muscles
	B) intercostal muscles	D) ribs, intercostal muscles and diaphragm
Q.158		most effective in accelerating the rate of breathing in man?
	A) a lack of oxygen in the blood	C) an excess of carbon dioxide in the lungs
	<ul><li>B) a lack of oxygen in the tissues</li></ul>	D) an excess of carbon dioxide in the blood
2.159	Which of the following changes	will increase the body's rate of carbon dioxide excretion
	into the alveoli?	
	A) holding the breath	
	B) the breakdown of alveolar tissue	as a result of disease
	C) a decrease in the partial pressure	of carbon dioxide in the alveolar air
	D) a decrease in the pulmonary circu	
2.160		
	A) counter current exchange	C) ventilation
		D) diffusion
2.161	B) cellular respiration  Which event is not associated with	
		itil tile activity of expirement
	A) contraction of diaphragm	
	B) more dome like shape of diaphrag	
	C) backward and downward movem	
	<ul><li>D) relaxation of external intercostals</li></ul>	muscles

Q.162 Respiratory pigments

A) combine reversibly with only oxygen

C) attach to the alveolar wall

B) all have four haem groups

D) None of them

Q.163 Which sequence most accurately describes the sequence of airflow in the human respiratory system?

1. pharynx

2. bronchus 3.trachea 4.larynx

5.alveolus

6.bronchiole

A) 4, 1, 3, 2, 5, 6

B) 1, 4, 3, 2, 5, 6

C) 4, 1, 3, 2, 6, 5

D) 1, 4, 3, 2, 6, 5

1.	0	2.	B	3.	C	4.	D	5.	A	6.	С	7.	_	T	
9.	В	10.	В	11.	В	12.	C	13.	В	14.	В	-	A	8.	
17.	В	18.	10	-	-		C	-				15.	С	16.	
25.	В	-	-	-	-	-	-	21.	C	22.	D	23.	C	24.	-
33.	-	-	-	-	-		C	29.	C	30.	В	31.	C	32.	-
41.	A	-	-	- 100	-		A	37.	В	38.	В	39.	A	40.	-
49.	C	-	-		-	44.	A	45.	В	46.	D	47.	C	48.	_
57.	-	-		-	-	52.	В	53.	Α	54.	C	55.	D	-	
-	A	58.	-	-	A	60.	A	61.	C	62.	C	63.	A	56.	
65.	C	66.	A	67.	D	68.	C	69.	В	70.	C	71.	C	64.	
73.	C	74.	A	75.	C	76.	С	77.	D	78.	С	79.	-	72.	
81.	D	82.	C	83.	D	84.	В	85.	С	86.	В		D	80.	
89.	C	90.	A	91.	C	92.	В	93.	A	94.	-	87.	В	88.	
97.	A	98.	D	99.	В	100.	A	101.	C	-	D	95.	C	96.	
105.	В	106.	C	107.	C	108.	C	109.		102.	C	103.	Α	104.	_
113.	A	114.	C	115.	A	116.	C		В	110.	D	111.	C	112.	-
121.	C	122.	A	123.	D	124.	_	117.	С	118.	C	119.	A	120.	-
129.	В	130.	C	131.	В		D	125.	C	126.	В	127.	C	128.	_
37.	C	138.	C	139.	C	132.	В	133.	В	134.	D	135.	A	-	_
45.	A	146.	C	147.		140.	D	141.	C	142.	В	143.		136.	
53.	D	154.	C		В	148.	В	149.	A	150.	D		D	144.	
61.	A	162.		155.	D	156.	В	157.	C	158.		151.	В	152.	
_	_	202.	D	163.	D	164.		165.	-	-	A	159.	C	160.	
					-					166.		167.		168.	-

PROP	ic space is present in;	
_	- lasmic of hactoria	
0.1	A) Only in Gram positive bacteria  B) Only in Gram negative bacteria  B) Only in Gram positive and all Gram-neg	
Q.	A) Only in Gram negative bacteria  B) Only in Gram positive and all Gram-neg  C) In some Gram negative and all Gram positive and al	ative
		sitive
		C) For bacterial growth only
Q.2	. Early incort registrance	D) All above
Q.	e) drug resistance are resistant to:	o) All doore
	B) drug resistance and insect resistance  B) drug resistance and resi	C) Temperature calv
Q.3		C) Temperature only D) All above
Q.	A) Light and Cherry  B) Desiccation and pH  Coagulation of microbial proteins is cau  Coagulation.	sed by:
		C) Do best
Q.4		
4.	B) Moist heat	D) Chemicals ect and move in response to chemical signals; C) Aerobic
	which of the following bacteria can det	C) Acerbia
Q.5	A A A COLO	# * ·
4.	B) Flagellated In bacteria the complexes of layers ext	D) Anaerobic
	bacteria the complexes of layers ext	ernal to the cell protoplasm are called,
Q.6	CALL BUVELUP	
4.	B) Slime A waste material stored in storage bod	D) Cell wall
	B) Sinte material stored in storage bod	les in the bacterial cell is in the form of,
Q.7	A) Lactic acid	
Q.	B) Acetic acid  B) Acetic acid  the mitochondria are;	D) All of these
	B) Acetic acid In bacterial cell, the mitochondria are;	THE PARTY NAMED IN COLUMN TWO IS NOT THE PARTY N
Q.8	A) Few in number	
Q	B) Totally absent	D) Frequently present
	B) Totally absent Bacterial capsule is made up of repeate	ed units;
Q.9	Bacterial cops	C) Polysaccharides
4	A) Amino acids	D) Disaccharides
	B) Triglycerides Which of the following give rigid struct	ure to the bacteria;
Q.10	Which of the follows	C) Cell wall
4	A) Slime	D) Basal body
	B) Capsule Bacterial chlorophyll is dispersed in the	
Q.11		
4.	A) Cytoplasm	D) None of these owth of microorganism in living tissue are called; C) Antibiotics
	B) Nucleus	owth of microorganism in living tissue are carre
Q.12		
	A) Antiseptics	D) All Above sinto the cytoplasm forming a structure called; C) Glyoxisomes
	B) Disinfectants	s into the cytoplasm forming a structure came,
Q.13	The bacterial cell intellibration	C) Glyoxisomes
4	A) Mesosomes	D) None of these
	B) Peroxisomes Which of the following is common in bo	th bacteria and virus:
Q.14	Which of the following is commercial	C) Mitosis
4	A Musiciais acid as defield indice.	D) Dibosomes
	B) Binary fision	ded in the envelope of bacteria:
Q.15	B) Binary fision Which one of the following is not include	C) Capsule
4.20	A) Cell Wall	D) Slime
	B) Pilli All of the followings are true about cys	ts of bacteria except
Q.16	All of the followings are true about cys	C) Desiccation Resistant
4.20	A) Heat resistant	D) Formed during differentiation of regions
	B) Thick walled The protoplast of bacterial cell lack wh	ich of the following
Q.17	The protoplast of bacterial cell lack with	C) Plasmid
Q.L.	A) Nucleus	D) Mesosome
Q.18	B) Ribosome Substance used to kill microbes in livin	g tissues
4.10	A) Anticontics	C) Antibiotics
	A) Antiseptics	D) All of these
Q.19	B) Disinfectants Which of the following is sterilized by r	nembrane filters:
4.19	Which of the following is stermed	C) Hormones
	A) Sera	D) All of these
0.20	B) Antibiotics One of the following is not used as che	motherapeutic
Q.20	One of the following is not used as che	C) Tetracycline
	A) Alcohol	n) Penicillin
0 2	B) Sulfonamides	Il bacterial cells?
Q.21	B) Sulfonamides Which of the following is not found in a	C) Cell membrane
	A) A Nucleoid	D) Ribosomes
	B) Capsule	

0.22	provides the greatest path	ogenicity to bacteria:XZ
Q.22	A) Capsule	C) FIII
	B) Cell wall	D) Slime
Q.23	According to four-kingdom classification	n, the unicellular, non-nucleatd organisms are
•	place in.	C) Plantae
	A) Monera	
	B) Protista	D) Animalia
Q.24	The Moneran devoid of cell wall is.	C) Mycoplasma
	A) Acinomycetes	D) Archaebacteia
	B) Eubacteria	b) Archaebacters
Q.25	Flagellum with single strand and compo	C) both (a) and (b)
ST.	A) Prokaryotes	C/ 00th (-)
	B) Eukaryotes	D) none of three
Q.26	Leeuwenhoek was the first person to ob	serve bacteria. Who among the following
100000	obtained a pure culture of bacteria for the	C) Pasteur
	A) Lister	D) koch
	B) Ehrenberg	tower and an extra layer of.
Q.27		C) protein
	A) Lipo-polysaccharide	D) both (a) and (b)
	B) Lipo-protein	
Q.28		C) Lophotrichous
	A) Monotrichous	C) Lophothichous
	B) Amphirtrichous	D) Myxomycetes
Q.29		n the group.
	A) Monera	C) Fungi
	B) Plantae	D) Animalia
Q.30		C) Proteists
	A) Slim moulds	D) Golden algae
	B) Blue green algae	The state of the s
Q.31		tive and gram-negative bacteria resides in the
	composition of.	C) Nueleolus
	A) Cilia	D) cytoplasm
	B) cell all	D) Cytopiasiii
Q.32		C) Escherichia
	A) Spirogyra	D) Amoeba
	B) Rhizopus	
Q.33		C) John Silk
	A) Edward Jenner	160 NOT 100 NO
	B) Louis Pasteur	D) J. Lister
Q.34		
	A) Cholera, typhoid, mumps	C) Malaria, mumps, poliomyelitis
	B) Tetanus, tuberculosis, measles	D) Diphtheria, leprosy, plague
Q.35		
	A) DNA	C) Proteins
	B) RNA	D) DNA bound by histoes
Q.36	Pili are the characteristic appendages of	
	A) Algae	C) Bacteria
	B) Viruses	D) Mycoplasma
Q.37	The hyphae of rhizopusare	
	<ul> <li>A) Unbrached, asepateate, and uninucleate</li> </ul>	the first term and the second of the second
	B) Brached, asepate and multinucleate	
	C) rached, septate and uninucleate	
	D) Unbrached, septate and coenocyptic	
2.38	Cyanobeacteriaare.	
	A) photoheterotrophs	C) Chaman table at
	B) photoautotrophs	C) Chemoautotrophs
2.39		D) Chemoheterotrophs
	The main difference between gram posit  A) cell membrane	ive and gram negative bacteria is.
	The continentalie	C) Ribosome
40	B) Cell wall	D) Mitochondria
.40	According to five kingdom classification	bacteria belong to.
	A) Protista	C) Plantae
		AND THE PARTY OF T



ROKARYOTES	12,000+ Question Bank				
Monera . differ from outpart	D) Archaea				
archaeud Ctructure	٦.				
A) Cell membrance Structure  A) Cell membrance Structure	c) cell stiabe				
A) Cell membranes  A) Cell membranes  B) Mode of nutrition  B) Mode of nutrition  B) to structures perform the function of					
at left bliss	initochondria in hacteria?				
A) Nucleoid	c) cell wall				
B) Ribosmes The motile bacteria are able to move by	D) Mesosomes				
- moure	C) CIII-				
A) Fimbraie	C) Cilia D) Pili				
B) Flagella Cyanobacteria Cyanobacteria	O) FIII				
A) are poisoned by oxygen	Chausell				
B) are not widely distributed	C) have chlorophyll				
B) are not widely distinct the types of he	D) have chloroplast				
Cyanobacteria, unlike other types of ba	cteria that photosynthesize, do				
A) not give off oxygen	C) not have chlorophyll				
at also off oxygen	D) not have a cell wall				
alli are made up of pilin, which is					
A) carbohydrates	C) protein				
B) lipids	D) triglycerides				
Most pathogenic bacteria cause disease	by A) directly destroying individual cells of the hos				
A) Directly destroying individual cells of he has been depriving the host of their nutrients  C) producing toxins  D) depriving the host of oxygen					
48 Chemosynthetic bacteria	All the second s				
A) are autotropine	C) oxidize inorganic compounds to acquire energy				
R) use the sun rays	D) both A and C are correct				
49 A bacterium with flagella all around	and the second				
A) monotrichous	C) amphitrichous				
B) lophotrichous	D) peritrichous				
a disease is facilitated by	THE WILL A THE PARTY OF THE PAR				
A) capsule	C) flagella				
\$1.5 miles   1.5 m	D) both pili and flagella				
B) pili     Bacterial membrane differ from eukaryo					
	C) lacking polysaccharide				
A) lacking proteins	D) lacking cholesterol				
P) lacking linids	DITACKINE CHOIESTEIN				
B) lacking lipids					
52 Bacterial membrane also contains enzy	mes for				
t t selection contains on the	mes for C) protein synthesis				
52 Bacterial membrane also contains enzy	mes for				
A) respiration B) photosynthesis Facultative anaerobes	mes for C) protein synthesis D) secretion				
A) respiration B) photosynthesis	mes for C) protein synthesis				

	10	12	To	3.	D	4.	С	5.	В
1.	C	2.	D		В	9.	C	10.	C
6.	A	7.	D	8.	-	14.	A	15.	В
11.	A	12.	A	13.	A		В	20.	A
16.	A	17.	A	18.	D	19.	-	25.	A
21.	В	22.	В	23.	A	24.	C		_
26.	В	27.	A	28.	D	29.	A	30.	C
31	-		16	33.	A	34.	D	35.	A
31.	В	32.		38.		39.	В	40.	В
36.	C	37.	В		B	44.	C	45.	В
41.	A	42.	D	43.	В		_	50.	В
46.	C	47.	A	48.	D	49.	D		-
51.	D	52.	A	53.	D	54.		55.	

	Q.1 Which of the following hormones	stimulates the maturation of reproductive str
	A) Estrogen	C) FSH
	61.6	Di Talastavana
(	Q.2 In gonorrhea infected pregnant w	omen virus can be transmitted to infant durin  C) Development
	A) Pregnancy	
	B) Lactation	D) Birth
Q	2.3 In male, the production of sperm i	
	A) Continuous process	C) Discontinuous process
	B) Cyclic activity	D) Lasting until puberty
Q	.4 In human female, menstruation oc	
	Progesterone is secreted	C) Progesterone diminishes
Q.	B) Endometrium is vascularized	D) All of these
Q.	Ovulation occurs on of me     A) 1 <sup>st</sup>	
	B) 13th	C) 6th
Q.		D) Last
	A) The day when ovulation occurs	
20.00	B) The 1st day of menstrual bleeding	
2403)	C) The last day of menstrual bleeding	· · · · · · · · · · · · · · · · · · ·
	D) The very next day after the menstrua	al bleeding ended
Q.7	Factors that could disturb menstrua	Levele are:
3.5	A) Infection	C) Anemia
	B) Hormonal imbalance	D) All the above
Q.8		b) All the above
	A) Uterus	C) Placenta
	B) Uterine tube	D) Cervix
Q.9	The neck of the vagina is:	D) CEIVIA
	A) Uterus	C) Cervix
	B) Uterine tube	D) Placenta
Q.10	A pair of slender egg ducts that carry	ovulated ova towards the utoma-
	A) Fallopian tubes	C) Vas deferens
	B) Oviduct funnel	D) Seminal vesicles
Q.11	Sterilization in males is called as:	Dy Schmidt Vesicles
	A) Tubectomy	C) Vasectomy
	B) IVF	D) None of these
Q.12	Ovulation is the release of secondary	opcyte from:
	A) Mature follicle	C) Ovary
	B) Both 'a' & 'b'	D) Nana -CH
Q.13	The completion of meiosis II in human	D) None of these egg formation will lead to the formation of
	A) Single ovum	C) Circle
	B) Single ovum + One 2nd polar body	C) Single ovum + One first polar body
Q.14	One which also acts as gland:	D) Single ovum + Three 2 <sup>nd</sup> polar bodies
1	A) Vagina	
B E	3) Ovary	C) Uterus
Q.15 F	ertilization of the human egg occurs.	D) Clitoris
,	1) Externally	
B	3) In the cervix	C) In the vagina
Q.16 H	ow many sperms and over will be	
p	rimary oocytes respectively?	D) In the oviduct uced from 25 primary spermatocytes and
A	)100 sperms and 50 ova	
В)	)100 sperms and 25 ova	C)50 sperms and 25 ova
.17 Th	ne primary oocyte divides meiotically i	D)100 sperms and 100 ova
		nto the.
B)	first polar body	C) Both a and h
18 Ho	w many polar hadia-	D) None of these
A)	w many polar bodies are produced by	one primary pocyta in home
B) 2		C) 3
- / 6		D) 4
La company		

	2.36 Testosterone is produced i	by which one of the following?
	A) Sertoli cells	C) Germinar epichemann
	B) Interstitial cells	D) Spermatogonia
	Q.37 The oocyte released during	andation is in:
10		CIPIODINASC
	A) Anaphase I	D) Metaphase II
	b) metaphase (	ure formed after the release of egg from follicle is called:
	Q.38 Yellowish glandular struct	C) Griffin follicle
	- Co. par canosom	D) Follicle atresia
	B) Corpus luteum	ent of primary follicles is stimulated by:
	Q.39 On puberty, the developme	C) FSH
	A) ICSH	D) Estrogen
	O CO CONTRACT STATE OF S CONTRACT	lly transmitted disease that affects mucous men.
	Q.40 Causitive agent of a sexua	D) Estrogen  Ily transmitted disease that affects mucous membrane of the
	Unnogenital tract is:	C) Treponema pallidum
	A) Staphylococcus aureus	
	B) Neisseria gonorronea	tructure is responsible for carrying sperm to
	Q.41 In human testis, which s	D) Escherichia coli tructure is responsible for carrying sperm from inside the
	A) Committeener tubuler	C) Urinogenital duct
	Seminiferous tubules     Seminal vesicle	D) Vasa efferentia
90	2.42 In which part of female ren	roductive system fertilization takes place?
10	Q.42 In which part of female rep  A) Proximal part of oviduct	C) Uterus
		D) Vagina
	B) Placenta 2.43 In females, FSH stimulates	
		C) Lactin
	A) Progesterone	
	B) Oestrogen	D) Oxytocin  female menstrual cycle, endometrium prepares for the
Q	.44 In which phase of human	remaie menstrual cycle, endometrium prepares
	Implantation of embryo7	Tor the
	A) Proliferative phase	C) Menstrual phase
	B) Secretary Phase	D) Ovulation phase
Q.	45 Events of menstrual cycle an	e regulated by the:
	A) Ethylene	C) Gonadotrophins
	B) Auxins	D) Gibberelling
Q.	66 Decrease of FSH and increase	of estrogen cause pituitary gland to secrete:
	A) Somatotropin	C) Luteinizing Hormone
	B) Testosterone	D) C
Q.4	7 Transmission of Neisseria gov	D) Spermatogonium norrhea is best described by which one of the following?
	A) Oro-fecal Route	College by which one of the following
	B) Vector Borne	-,
Q.4		D) Droplet Infection
	and sperms get matured	17
	A) In seminal vesicle	C) Seminiferous tubules
0.40	B) In epididymis	DI Vana de
Q.49	spermatias into	sperm is.
	A) Spermiogenesis	
	B) Gametogenesis	C) Spermatogenesis
Q.50	Spermatogenesis is influenced	D) Metamorphosis
	A) Progesterone	by.
	B) STH	C) FSH
Q.51		
•	A type of cells in human testes	which produce testosterone is called:
	A) Interstitial cells	in produce testosterone is called:
0	-) SCILOII CEIIS	C) Germ Cells
Q.52	A) Increase in level of LH	D) Spermatocytes
	A) Increase in level of the	ring menstruation is due to
	B) Increase in level of progesteron	C) Document to:
Q.53	Opposite an level of progesteron	C) Decrease in level of progesterone
		D) Increase in level of oestrogen
	out alerus & condu	a. c. ocsa ogen
	B) Uterus	C) Cervix
		D) Ovary
		-, ovary

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	ON	GKIP ENTRY TO
	ouc Troit	GRIP ENTRY TEST BOOK SERIES  12,000+ Question Records
	Luteinizing hormone triggers:	12,000+ Question Bank
,	utelnizion of oogen	o) bleakdown as
	A) Cessation  A) Cessation  B) Ovulation  B)	D) Development of zygote
	B) Ovulation a sexually transmission of syphilis is a sexually transmission of secondary on seco	C) E caused by:
	A) Neisseria gonormocae  B) Treponema pallidum  B) Treponema of ovum or secondary oocy	C) E. COli
	A) Neissema pallidulli	D) Mycobacterium avium
	4) Iler -4 Of Over	te from ovary or from Graffian follicle is called:
	nischarge	C) Pollination
,	pischarge pischarge pischarge A) Fertilization A) Fertilization B) Follicle formation	D) Ovulation
	Follicle lotic division in the second	lary oocyte proceeds as a
	A) Fertilicie formation  B) Follicle formatio	C) Prophase
	Meler	
	. Andr alle Alle Alle Alle Alle Alle Alle Alle	iates directly into
	A) Meaphase B) Anaphase Which one of the followings different Which one of the followings different	C) Secondary sperm?
	Which one of the lond which is	C) Secondary spermatocyte  D) Spermatid
	A) primary special (A) pri	1:
	HAPUS OF	C) Fallonia
	CALAIC	AND THE PARTY OF T
	A) Cervix B) External genitelia Spermatogonia differentiate directly Spermatory spermatocytes	D) Vulva
	cormatogonia differentiate difectly	C) C
	Spermatogonia directory Spermatocytes  A) Secondary spermatocytes	
	A) Secondary Spermatocytes  B) Primary spermatocytes  B) Primary spermatocytes	D) Spermatids
	B) Primary spermatocytes  B) Primary spermatocytes  Treponema palladium causes:	
	Caportilea	C) AIDS
	B) Genital herpes	D) Syphilis
	syphilis is caused by:	
	Syphilis	C) Nostoc
	A) Spirochete	D) Cyanobacteria
	B) Water blooms	
	AIDS is caused by:	C) Virus
	A) Bacteria	D) Alga
		n
	the sperms are temporarily stored	C) Vas deferens
	A) Vas efferens	D) Bladder
	- F-ididymis	D) Diddel
	What do the ovaries produce?	C) Embaros
•	A) Semen	C) Embryos
		D) Egg cells
	which two events are important par	ts of each menstrual cycle?
,	A) Ovulation & ejaculation	C) Menser dation a overselon
	- the station & fertilization	D) Fertilization & conception
	How many sperm cells come out du	ring an ejaculation?
		C) Hundreds
	A) Just one	D) Millions
	B) Thousands In the normal male, there two of ea	ch of the following structures except:
1		C) Seminal vesicles
	A) Epididymis	D) Vac deferenc
	B) Prostate	somes produces how many mature fertilizable ova?
	Each oogonia containing 46 chromo	C) 400 000
	A) Several millions	9,
	B) 400	D) 1 spermatogonia and 10 secondary
1	How many spermatozoids will be	D) 1 produced from 10 spermatogonia and 10 secondary
	Spermatocytes?	
	spermatocytes?	C) 40 & 20
	A) 20 & 20 B) 30 % 40	D) 10 & 20
	B) 20 & 10 .	+ in man is:
	Main duct of male reproductive trac	C) Vas deferens
	A) Seminiferous tubule	
	B) Sperm duct	D) Urethra  nvolved in the menstrual cycle except:  C) LH
1	All of the following hormones are in	C) LH
2		
2	- Louogen	D) Propesterone
2	A) Estrogen B) Prolactin	D) Progesterone

Q.73	The formation of sperms occurs at:	- Car	4
Q./3	A) 37C°	C) 34C°	,
	B) 36C°	D) 40C°	
Q.74	Which one is not diploid?	C) Germinal epithelial cell	
4.74	A) Spermatogonium	D) Secondary spermatocytes	
	B) Primary spermatocytes	b) Secondary the reproductive such	
Q.75	Which is the correct path of an unfert	ilized egg through the reproductive system?	
Q./5	1) Fallanian toba > Ovany -> Uterus 7 Vo	Fallopian tupe - litera	
	B) Ovary -> Uterus -> Vagina	the male reproductive system? Vagin	a   (
Q.76	B) Ovary → Uterus → Vagina Which is the correct path of sperm the	ough the man	-
Q.70	Which is the correct path of sperior  A) Testes → Vas deferens → Epididymis →  Vas deferens →	Urethra	- 1
	A) Testes → Vas deferens → Epididymis → Vas deferens →  B) Testes → Epididymis → Vas deferens → Vas	deforens	-
	B) Testes → Epididymis → Vas deleters  C) Testes → Urethra → Epididymis → Vas  C) Testes → Urethra → Penis → Vas de	forens	
	C) Testes → Urethra → Epididymis → Penis → Vas de D) Testes → Epididymis → Penis → Vas de productio	n is incorrect?	1
Q.77	D) Testes → Epididymis → Penis → Vas de Which statement about egg productio	egg is fertilized	
*	A A A A A A A A A A A A A A A A A A A	L = 1/0	10
	A) Meiosis is not completed until after the     B) At birth, a female has all the eggs she is	follicle that helps the egg to mature	1
	C) Each developing egg is suite	A STATE OF THE PERSON NAMED IN COLUMN TO STATE OF THE PER	
	D) Four edgs result from melosis	reacht from melosis in egg production?	Q
Q.78	How is melosis in sperm production di  A) In sperm production, one gamete and t	hree polar bodies are formed	
	A) In sperm production, one games at pu     B) In egg production, meiosis begins at pu	berty	
	C) In the male, gametes mature before bit	th	Q
	Why can't viral STDs be treated with a	intibiotics?	
Q.79	Why can't viral STDs be treated with a A) They never cause symptoms, so the pe	rson does not know he of she is infected.	4
	B) They destroy the antibiotics	letter cannot reach	64 0
	C) The viruses hide inside cells where and	biotics califor reach	~
	as Antibiotice have no effect off viruses	The same of the sa	-
Q.80	Copulatory organ in human males is Co	C) Penis	1 Q
-	A) Penetrating device	D) Vulva	. 1
	B) Glans penis		
Q.81	Two principal functions of the testis a	C) Produce testosterone	
	A) Produce sperm	D) None	Q.
	B) Both 'a' & 'b'		
Q.82	The sperm maturation site is:	C) Epididymis	
	A) Seminiferous tubules	D) Seminal vesicles	0
0.02	B) Prepuce Loose fold of skin encircling the glans	penis is called:	
Q.83	A) Scrotum	C) Epididymis	
	B) Prepuce	D) Membranous Urethra	6
Q.84	In human females, egg at stag	e is released from ovaries:	
V.04	A) Secondary oocyte	C) Mature ovum	
	B) Primary oocyte	D) Oogonium	Q
2.85	In human females, meiosis in oogenes	is produces egg(s):	
T (0.0)	A) 4	C) 3	
	B) 2	D) 1	10
	Which is not included in external genit		1,
	A) Ovaries	C) Oviduct	1
	3) Uterus	D) All of these	
	Conversion of primary spermatocytes t		0
	) Differentiation	C) Mitosis	
	) Meiosis I	D) Meiosis II	
	irst polar body is produced alongside:		0
	) Oogonium		'
	) Secondary oocyte	C) Primary oocyte	
D	/ Secondary oucyte	D) Mature ovum	CX-5 CV

	pathway of sperms in human	The said the said
Q.89	pathway of sperms in human males is?	Gp.
	C) Epididymis -> Seminiferous -> Verer	ens d c 12.00 Boo
	n) Seminiferous tubules 2 vas	deferoninifer Questi SERIES
	pathway of sperms in human males is?  A)Internal urethra $\rightarrow$ Epididymis $\rightarrow$ Vas defered  B) Seminiferous tubules $\rightarrow$ Epididymis $\rightarrow$ Vas defered  C) Epididymis $\rightarrow$ Seminiferous tubules $\rightarrow$ Vas D) Seminiferous tubules $\rightarrow$ Vas deferens $\rightarrow$ Epididymis $\rightarrow$ Vas deferency $\rightarrow$ Epididymis $\rightarrow$	deferens > Internal III
.90	A)Internal urethra   Epididymis   Vas defer  Epididymis   Epididymis   Epididymis   Epididymis   Epididymis   Vas defer  Epididymis   Vas defer  Vas deferens   Vas deferens   Epididymis    Vas deferens   Epididymis    Vas deferens    Epididymis    Vas deferens    Epididymis    Vas deferens    Epididymis    Vas deferens    Epididymis    Vas deferens    Epididymis    Vas deferens    Epididymis    Vas deferens    Epididymis     Vas deferens     Epididymis     Vas deferens     Epididymis     Vas deferens     Epididymis      Vas deferens     Epididymis	pididym:
	B) Luteinizing hormone (LL)	Internal ureth
	A)Internal arcting pepididymis > Vas defer  B) Seminiferous tubules > Epididymis > Vas defer  C) Epididymis > Seminiferous tubules > Vas  D) Seminiferous tubules > Vas deferens > Vas  Stimulates ovulation:  A) Testosterone  B) Luteinizing hormone (LH)  Which is not a function of estrogen?  A) It causes the fallopian tubes by	C) Per
	A) It causes the fallopian tubes to develop  B) It controls the development of for	Pollicle stimul
	A) It causes the fallopian tubes to develop  B) It controls the development of female sex  C) It causes egg cells to develop before leav  D) It prepares the uterus for pregnancy  Fertilization occurs in the proximal part	D) Follicle stimulating hormone (FSH)
	p) It prepares the uterus for before les	(ual chara
02	Fertilization occurs in the pregnancy	ing the confectoristics
.92	A) Oviduct rie proximal non	ovaries
	Fertilization occurs in the proximal part  B) Uterine tube	of;
.93	Primary oocytes in femal	C) Fallon
	A) Secondary oocytes are formed	D) All of tube
	B) Germ cells	by the mitor
.94	Primary oocytes in females are formed in the oocytes is differentiated  B) Uterine tube  Primary oocytes in females are formed in the second media.  B) Germ cells  Second meiotic division in the oocytes is the second meiotic division in the oocytes is	C) Oviduct division of
	A) Metaphase is reached in the oocytes:	D) Oogopia
	B) It is differentiated	s not complete
.95	Which of the following is the function of the following is the function of the following and vascularization of the function of the function of the following is the function of the funct	C) It becomes mature  D) It is fertilized
	A) Thickening and vaccous the function	D) It is fertilized by sperm walls
	B) Sends negative feedback to FSH  C) Stimulates the release	estrogen? sperm
	C) Stimulates the release of LH from anterio  One which has no relation	walls
	D) All the above	Dr. Dit.
2.96	One which has no relation.	Pituitary
	One which has no relation to menstrual	Cycle
	B) LTH	C) III
2.97	Sexually transmitted diseases can be contacts with:  A) Carriers  B) Normal persons	D) Pro
	contacts with:	ontrolled
94	A) Carriers	or prevented by avoiding
	B) Normal persons	C) Affected persons
2.98	Genital herpes is caused by	D) Both 'a' & 'b'
	A) RELIGITUS	, a a b
	B) DNA virus	C) Virion
2.99	Pathogen causing Gonorrhea, mainly at	D) All of these
	B) Urinogenital tract	C) Oviducts
Į.100	Sertoli cells are found in	D) Uterus
	A) seminiferous tubules	
	B) seminal vesicle	C) between interstitial cells
2.101	A) in distal part of a sixty and a sixty a	D) epididymis
	A) in distal part of acid	irs;
	A) in distal part of oviduct	C) along the uterine wall
100	B) in proximal part of oviduct	D) successfully in vagina
2.102	Embryo implants in the	of the uterus
	A) perimetrium	C) endometrium
	B) myometrium	D) and to
Q.103	Spermatozoa are stored prior to emission ar	D) cervix
	A) epididymis	
	- y chididythis	C) urethra
0.104	B) seminal vesicle	D) prostate gland
4.104	The cervix is a portion of	
	a) ovary	C) uterus
	B) vagina	D) fallopian tube
	The state of the s	Of tunopian term

- Q stit i'm which date is a woman most likely to ovalate if the first day of my forest feareth?
  - ALL BEAUTH

C) 20 March

- El 14 March

  O 166 37 represent mature follock is degenerated without forming corpus luteum, which to
  - Al desilation will not excult

- b) mampirustion will not pepur
- O) follicular atresia
- Q.107 How does a rypote differ from an evum?
  - A) A pygens has diploid number chromosomes
- C) A zygote consists of more than one tell

\$1) A pagentie to atmultier

D) A sygote is much larger

#### ANSWERS

1.	C	2.	D	3.	A	4.	C	5.	B	6.	8	7.	D	-
9.	Ç	10.		11.	c	12.	B	13.	D	14.	B	15.	D	8.
17.	C	18.	5	10.	0	20.	C	21.	A	22.	B	23.	8	16.
25.	A	26.	A	27.	D	28.	B	29.	C	30.	D	31.	C	24.
33.	C	34.	Đ	35.	8	36.	B	37.	D	38,	8	39,	C	32.
41.	Đ	42	*	43.	6	44.	B	45.	С	46.	C	47.	C	40.
49.	A	50.	C	51.	A	52.	С	53.	D	54.	В	55.	8	48.
57.	A	58.	D	59.	A	60.	В	61.	D	62.	A	63.	C	56.
65.	0	66.	C	67.	D	68.	8	69.	D	70.	C	71.	C	64.
73.	C	74.	0	75.	D	76.	В	77.	D	78.	D	79.	0	72.
81.	8	82.	5	83.	В	84.	A	85.	D	86.	D	87.	В	80.
89.	8	90.	8	91.	A	92.	D	93.	D	94.	D	95.	D	88.
27.	D	95.	5	99.	В	100.	A	101.	В	102.	C	103.	1	96.
105.	6	106.	D	107.	A	108.		109.	23	110.		111.		104.

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0.15	Thin filaments have a diameter of:	C) 7-9 pm
Q.15	A) 1-2 pm	C) /-0 IIII
	B) 10-60 pm	D) 16 nm
Q.16	Unald-	of:
Q.10	A) Actin	
		D) Actin, Tropomyosin and troponin
Q.17	Out of three polypeptides of troponing	one binds to actin chain, another binds to
4.2.	Tropomyosin while third binds:	
	A) Myosin	C) Sodium ions
	B) Collagen	D) Calcium ions
Q.18	The hypothesis to explain all events i	nvolved in muscle contraction was suggested
100000	A) H. Huxley	and the state of t
	B) H. Huxley and A.F Huxley	
	C) A F. Huyley	
	D) H. Huxley and A.F Huxley and their co	illeagues
Q.19	During muscle contraction the cross	bridges of thick filaments become attached to C) Binding sites of myosin filament
No. of Concession, Name of Street, or other party of the Concession, Name of Street, or other pa	A) Myosin filament	D) Actin filament
	B) Binding sites on actin filament	b) Actin marient
Q.20		C) Move slightly
	A) Extend	D) Remain in the same position
	B) Contract	b) Remain in the same position
Q.21	Once the myosin head has become att	ached to the actin manient.
	A) ATP is synthesized and the bridge goe	is to its cycle
	B) ATP is hydrolyzed and the bridge to it	s cycle goes
	C) ATP is synthesized and the bridge bec	omes fixed
	D) ATP is hydrolyzed and the bridge beco	omes fixed
Q.22	How do skeletal muscles move bones?	and in a foint
	A) When they contract, they push on the b	move the hones in a joint
	B) When they contract, they lengthen and	in a joint
	C) When they contract, they pull on bones	in a joint
0.00000000	D) When they contract, they pull on ligame	ents attached to boiles
Q.23	How does smooth muscle appear differ	rent from cardiac muscle under a microscope?
,	A) Smooth muscle tissue has oval-shaped o	ells with many nuclei
	3) Smooth muscle tissue has rectangular co	
	) Smooth muscle tissue has dark bands ar	
	) Smooth muscle tissue has no bands and	
	What role does a calcium ion play in mu	
		exposes sites on actin for myosin to grab
	) A calcium ion is part of an enzyme that b	
		presence of a Ca <sup>†+</sup> to let actin into the fiber
	A calcium ion causes actin to be released	
	celetal muscle whose contraction bend	ds a joint is called:
A)	Extensor	C) Flexor
The second secon	Antagonistic	D) None of these
Q.26 W	hich of the following is not a flexor mi	uscle?
A)	Bicep	C) Brachioradilus
CONTRACTOR OF THE PARTY OF THE	Brachialis	D) Tricen
2.27 As	keletal muscle whose contraction ext	ends or stretches a body part is called:
A)	Extensor	C) Flexor
B) /	Antagonistic	
.28 Wh	ich of the following is an extensor mu	D) None of these
A) E	Bicep Is all extensor mu	ascier .
	Prachialia	C) Brachioradilus
		O) Trians
A) B	ich of the following is inserted in the	ulna?
	rachialis	C) Brachioradilus
-, 0		D) Tricen

	ORT AND MOVEMENT	GRIP ENTRY TEST BOOK SERIES 12,000+ Question Bank
SUPP	One which is not a part of thin filament?	
_	and White	C) Myosin
30	A) Actin	D) Tropomyosin
	A) Actin  B) Troponin  Muscles involved in contraction of heart in Muscles involved in contraction of heart in Muscles  Muscles involved in contraction of heart in Muscles	n human
	Muscles Involved	C) Ciliary muscles
	CATURE	D) Striated
-	B) Smooth Muscles are bounded to joints by:	the state of the s
	Muscles are bounded	C) Tendons
.32	A) Cartilage	
	a) Ligaments	D) Myosin fibers     adjacent envelope of sarcoplasmic reticulus
-	T-tubule and the terminal	
.33		C) Sarcomere
	at T-system	D) Triad
	B) Motor unit The A-band of striated muscle represents	:
	A-band of Service	C) Actin only
.34	A Myosin Only	D) Calcium channels
		-0
-5	The Sarcopiasin Contain	C) Glycogen
.35	A) Myoglobin	D) None of these
	B) Both 'a' & 'b' All the fibrils of a muscle fiber participate	in contraction; it is:
76	an the fibrils of a massis	C) All or none principal
.36	as taduce ht mode.	D) Name of those
	A) Induce it     B) Varying degree principal     When the calcium gates of the SR open, t	hey release calcium ions into the:
27	When the calcium gates of the	C) Sarcoplasm
.37	A) Cytosol	D) Myofilament
	B) Both 'a' & 'b'	s disposed in such a way that it covers the site
28	when the muscle is at rest	Commence of the
1.30	on the actin chain:	C) Tropomyosin
	A) Troponin	D) Ca <sup>2+</sup>
2.39	What about smooth muscles in	C) Spindle shaped cells
1.33	A) Involuntary	D) Non-striated
	1 - 2 - 2 - 4	
2.40	the found in Umbilical co.	C) Cardiac
1.40	A) Voluntary	D) Smooth
	B) Skeletal When the muscle is required to contract,	it needs
2.41	When the muscle is required to community	C) Displacement of Tropomyosin
		D) All of these
	B) Exposing the binding sites for troponing     Bhars are innervated by:	naurans
.42	All the muscle fibers are	C) Group of many sensor neurons
	as Cinale sensory neuron	D) Same motor nerve
	B) Sansory unit	ontraction is to:
143	B) Sensory unit The function of the T tubules in muscle co A) Carry the impulse into the myofibrils of the	muscle cell
6.45	A) Carry the impulse into the myolions	
	B) Release caloum	
		from:
	C) Release sodium ions D) Split ATP At the start of a muscle contraction, calci	um ions are released from
	At the start of a muscle contraction,	C) The T Tubule
	a) Acting	D) The sarcoplasmic reticulum  D) The sarcoplasmic reticulum
	A) Acting  B) The motor neuron  Which of the following chemicals are necessary myosin, calcium ions	essary to sustain a muscle sale
	which of the following chemicals are necessary	C) Actin, myosin, Aur
1.45	A) Actin munsin, calcium ions	D) Myosin, ATP, myoglobin D) Myosin, ATP, myoglobin D) Myosin, ATP, myoglobin Di Myosin, ATP, myoglobin
	a) Actin, are myoglobin,	ents dose calcium bind to illustration
	b) Actin, with the following cellular component	
2.45	To which of the	D) Myosin, ATP, myoglobin  ents dose calcium bind to initiate a muscular in  C) Troponin
	Smooth mean	D) Calmodulin
	B) Tropomyosin	



0.47	Thin filaments in	12,000+ Questi SERTA
	Thin filaments in myofibrils consist of	: C) Sarcomeres
	A) Actin and accessory proteins     B) Cross-bridges	C) Sarcomeres D) Z lines
Q.48	Which of the following standard	when a skeletal muscle and
the second	Which of the following changes occurs  A) The a bands shortens	C) The I bands shortens
		D) The thin filaments contract
0.49	B) The Z lines slide farther apart  All of the following cellular events invo	alves actin filaments EXCERT.
	A) Amoeboid movement	C) Cytoplasmic streaming
	B) Contraction in smooth muscles	D) Flagellar movement in bacteria
Q.50		rate smooth muscle except:
	A) Sarcomeres	C) Thin filament
	B) Thick filament	D) Tropomysin
Q.51	The sarcomere is the functional contrat	
	A) Nuclie	C) Capillary
	B) Myofibril	D) Sarcoplasmic reticulum
Q.52	The function unit of contractile system	of a striated muscle:
9 To 14/10	A) Sarcomere	C) Z-band _
	B) Sarcosome	D) Myofibril
	Sarcomere is distance between:	
	A) Two I-band	C) A and I band
	B) Two Z-band	D) Z and A band
Q.54	The fundamental repeating unit of a ske	letal myofibril is the:
	A) Sarcomere	C) Motor unit
1	B) Sarcoplasmic reticulum	D) Myosin cross bridge
Q.55	The deep inflodings of muscle fiber mem	branes that conduct action potentials are called
	A) Sarcoplasmic reticula	c) =c
E	3) Myofilaments	D) T tubules
Q.56 S	Smooth Muscle is:	
A	) Voluntary and spindle shaped	C) Voluntary and striated
В	) Involuntary and spindle shaped	D) Involuntary and striated
	keletal Muscle Is:	AND THE PARTY OF T
A	) Voluntary and spindle shaped	C) Voluntary and striated
В	) Involuntary and spindle shaped	D) Involuntary and striated
	ardiac Muscle is:	
A)	Voluntary and spindle shaped	C) Voluntary and striated
B)	Involuntary and spindle shaped	D) Involuntary and striated
2.59 W	hich type of muscle cell is multinucleate	ed?
A)	Cardiac	C) Smooth
B)	Skeletal	D) All of the above
.60 Du	ring the muscle contraction which zone	decreases?
	I-zone	C) Z-zone
B) I	H-zone	D) M-zone
61 The	role of calcium ions in muscle contract	tion is to:
A) F	acilitate the binding of ATP	
B) T	rigger depolarization of the membrane of m	nuscle fibers
C) B	inding to a regulatory protein associated wi	th actin, allowing cross bridges with myosin to form
DIP	romote release of vesicles containing transr	mitter molecules
2 The	reason that an A bond with in a sarcon	nere appears darker than adjacent I bands is
that		1.0 0.0 0.0
	yofibrils are narrow in diameter at I bands.	
	ultiple nuclei tend to cluster within the A ba	
The state of the s		
	e cell membrane is more opaque near A ba	
The second secon	bands contain both actin and myosin, when	
	les is made up of many cells which are	
		C) Myofibrils
B) Sar	rcolemma	D) Muscles fiber

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SUPPL	th of myofibril from one 2-ba	and to the next is known as:
-	The length of myofibril from one 2-ba	C) Sarcolemma
64	The learnere  A) Sarcomere  B) Sarcoplasm  B) Sarcoplasm  Coldum ions released during a management of the calcum ions released during a management of the calcumination of the ca	D) Muscle fiber
	a) Sarcopias ions released during a m	uscle fiber contraction attach with.
	the calcium	C) Actin
65	A) Myosin	D) Troponin
	B) Tropomyosiii	D) Troponin ne accumulation of lactic acid and ionic imbalance  C) Muscle fatigue
66	A mod:	Committee of the state of the s
	called:	C) Muscle fatigue
	A) Tetany B) Cramp Each muscle fibre is surrounded by a A) Sarcomere	D) Tetanus
	B) Crampscle fibre is surrounded by a	membrane which is called:
67	A) Sarcomere	C) Sarcolemma
	A) Salcon B) Twitch fibre B) Twitch fibre Ions are released fro	D) Capsule
	B) Twice lons are released fro	m the sarcoplasmic reticulum they bind with
68	When calcium tons during muscle contraction:	they bind with
	A) Tropomyosin	C) Sarcolemma
	B) Cytosol's ions  B) Cytosol's ions	D) Troponia
	The repeated protein pattern of myo	fibrils is called:
69	The repeated property	C) Zyomere
Ä.	A) Sarcomere B) Sarcolemma	D) Cross bridges
	more energy is required in	muscle contraction the
.70	produced by as secondary source:	muscle contraction then that energy can also b
	produced by as	C) Phosphorosti
	A) Glucose	C) Phosphocreatine D) Lactic acid
	B) Fructose	ds inwards and s
71	through the sarcoplasm called:	ds inwards and forms a system of tubes which run
	through the server	
	A) Myofilament	C) Sarcoplasmic reticulum
	B) Z-lines	D) Transverse tubules
.72	According to sliding married the	ory, when muscle fibers are stimulated by nervou
	system, which of the following chan	
	A) I-bands shorten	C) H-zone becomes more visible
	B) Z-lines move further apart	D) A-bands broaden
.73	When a muscle is at rest, what bloc	
	A) Acetylcholine	C) ATP
4	B) Ca**	D) Tropomyosin
.74		The Art and the Ar
	A) Cross-bridges	C) Ligaments
	B) Tendons	D) Sutures
.75	An actin filament consists of how m other?	any rows of actin proteins wrapped around each
	A) 2	C) 4
	B) 10	D) Hundreds
.76	What changes shape when myofilar	
200.00	A) Actin filaments	
	B) Myosin heads	C) Z lines
.77	What is attached to 7 th	D) All of the above
	What is attached to Z lines in a sard	
	A) Myosin heads	C) Actin filaments
.78	B) Myosin tails	D) Cross-bridges
	The contracting units of a myofibril	are called:
	, roscie cens	C) Extensors
).70	B) Sarcoplasms	D) Sarcomeres
	The contractile protein of skeletal n	nuscle involving ATPase activity is
	A) Troponin	C) Tropomyosin
	B) Myosin	D) Fibrin

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Q.80 The atlas and axis vertebrae	are located in:
A) lumbar region	C) thoracic region
B) cervical region	III mahala
Q.81 Skeletal muscles contain dark	band, which are anisotropolc, are called
A) A band	C) Z band Called
B) I band	D) M line
Q.82 The acetabulum provides the a	articular surface for the
A) humerus	C) pelvis
B) femur	D) fibula
Q.83 Scapula is connected with sten	
A) ribs	C) clavicle
B) carpals	D) atlas
Q.84 Which statement correctly desc	
A) Unstriated involuntary with spino	
B) Unstriated involuntary with multi	AN AND ASSESSED AND ASSESSED.
C) Unstriated voluntary with uninucl	THE RESERVE AND ADDRESS OF THE PARTY OF THE
D) Striated involuntary with spindle s	shape cell
Q.85 Thin myofilaments consist of	
A) actin, myosin, troponin	C) actin, tropomyosin, fibrin
B) actin, tropomyosin, troponin	D) actin, myoglobin, troponin
Q.86 Which of the following changes of	ccur when skeletal muscle contractes
A) The A- bands shorten	C) The Z- lines move further apart
B) The I- bands shorten	D) The H- zone becomes more visible
Q.87 A human internal organs are prote	ected mainly by the
A) hydrostatic skeleton	C) exoskeleton
B) axial skeleton	D) appendicular skeleton
Q.88 Arm and leg muscles are arranged	in antagonistic pairs. How does this affect their
A) it provides a backup if one of the mu	THE TAX TO SEE THE TA
B) one muscle of the pair pushes while	the other pulls
C) it allows the muscles to produce oppo	osing movements
D) it doubles the strength of contraction	
Q.89 which of the following bones in the	human arm would correspond to the femur in the
leg"?	to the femur in the
A) radius	C) tibia
B) ulna	
	D) humerus
are muscle in	
A) sarcoplasmic reticule	C) T-tubules
B) Z lines	D) sarcomeres
Bone dissolving cells are called	
A) chondrocytes	C) osteoclasts
B) osteoblasts	D) osteocytes
Which of the following cartilage is fou	
A) calcified	
	C) elastic
B) fibrous	D) hyaline

Q.90

Q.91

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At times ligaments are overstretched or torn. It is called

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C) fracture

B) dislocation

Which ion is essential for muscle contraction?

Q.94

A) Niz

C) Ca

E) K

D) CI

1	A	2.	C	3.	C	4.	A	5.	-	_	-				
-	8	10.	С	11.	A	12.	-	-	8	6.	C	7.	D	8.	1
9.	-			-		-	D	13.	A	14,	В	-	-	0.	C
17.	D	18.	D	19.	8	20.	C	21.	B	-	-	15.	C	16.	A
-	C	26.	D	27.	A	28.	D	29.	-	22.	C	23.	D	24.	A
25.	0	34.	8	35.	8	36.		-	8	30.	C	31.	A	32.	C
33.		-				30.	C	37.	A	38.	C	39.	0	-	-
41.	C	42.	D	43.	A	44.	D	45.	A	46.	-	-		40.	D
49.	0	50.	A	51.	8	52.	A	53.	-	-	0	47.	A	48.	C
_	C	58.	D	59.	В	60.		-	8	54.	A	55.	D	56.	В
57.	_	-	-	-		-	В	61.	C	62.	D	63.	D	64.	A
65.	D	66.	С	67.	C	68.	0	69.	A	70.	C	71.	11119	-	
73.	D	74.	8	75.	A	76.	В	77.	C		_		D	72.	A
_	A	82.	8	83.	С	84.		-	_		D	79.	В	80.	В
81.		-		-			A	85.	C	86.	В	87.	B	88.	C
89.	D	90.	C	91.	/c	92.	C	93.	C	94.	C	95.		96.	The

Q.1	Haemophilia B is due to the		The Bank
	A) VIII	e in factor	1
	B) XI	C) IX	**
Q.2	Haemophilia C effect bott	D) None of these	
	A) X- linked recessive trait	jually because it is	
	B) An autosomal recessive trait	C) X-linked dominant trait	
Q.2 Q.3 Q.4 Q.5 Q.6 Q.7 Q.8	Cone cells have specific little	D) X and Y-linked trait	
	A) Pepsin	bing proteins called	
	B) Opsins	C) Tubulin	
Q.4		D) Myosin	
	Gene for blue opsin is present on A) 7	autosome number	
	B)9	C) 21	
Q.5	True colour - blindness is	D) II	
	A) Monochromacy	C) Disharana	
	B) Both a and b	C) Dichromacy	
Q.6	Tritangular	D) None of these	
	A) Red		
	D) mi	C) Green	
Q.7	F2 generation in a mendelian cross	showed that both genetucie and	
	F2 generation in a mendelian cross are same as 1:2:1, it represents a	s showed that both genotypic and pi	nenotypic ratio
	A) Monohybrid cross with complete do	ninance	
	B) Monohybrid cross with incomplete d	ominance	
	C) Co-dominance	OTTAIN BILLE	
	D) Dihybrid cross		
Q.8	A test cross is carried out to.		
	A) Predict whether two traits are linked	DOT TO THE PROPERTY OF THE PARTY OF THE PART	
	B) Assess the number of alleles of a ge		T. Br
	C) Determine whether two species or vi		8 8 to
	D) Determine the genotype of a plant a	F2	
Q.9	A sex-linked recessive allele "c" or	oduces red-green colour blinds	. Its norm
	dominant ancie is L . A normal w	oman whose tarner was colour bu-	and the state of t
	colour blind man. What proportion	of their children can have normal of	colour visiona
	N) 23 /6	C)50%	vision?
	B) 75%	D) 100%	
Q.10	If a carrier haemophilic female (X*) will be the ratio of presence of ha	Xh x XhY) is married to a hemophilic	male (Xhy) when
	The state of the s	semophilia in the children select	best answer from
	giren condition		Trom
	A) 100% all females and males will be h	aempohilic	
	B) females have 50% chances of getting	haemophilic and males will be 100%	haemophilic
	C) Carrier remaie 25% . 25% normal ma	ile and 25% haemophilic male only	
	D) Females and males both have 50% cl	nances of getting haemophilic	
Q.11	In genetics the term locus refers to	the of the gene on the	ne chromosome.
	A) Position	C) Copy	
0.12	B) Frequency	D) Inversion	
Q.12	A person was married to his cousing	and both are heterozygous for s	sickle cell anemia
	among their four kids what will be p	roportion of affected homozygotes	
	A)75%	C)50%	
0 10	B)100%	D)25%	
Q.13	Blood group AB is an example of	·	
	Complete dominance	C) Recessive alleles	
0	B) Co-dominance	D) Incomplete dominance	
Q.14	When two or more alleles do not s	show complete dominance or bot	h the alleles are
	expressing independently in heterozy	gotic condition such a condition is	called. 2018
	A)Complete dominance	C)Over dominance	1
0	B)Co dominance	D)Incomplete dominance	
Q.15	Which one of the following is multiple	allelic character.	
	A) Colour of flower in plant	C) Blood group of the human bei	ng

PIATI	ON AND GENE	GRIP ENTRY TEST BOOK SERIES
	Shape of seed in pea plant	22,000+ Question Bank
B	Shape of Seed number of linka	ge groups in human.
5 A	46	C)22
A	946	Diss
	80 hance of a cross over between tw	o loci is directly proportional to their.
	\ IIIICis.	C) Width
A	) Length is the exact position of	D) -
	is the exact position of	f a gene on the chromosome.
BA	Trail	C) Ceotromcre
		eds with - 1.
9	ave a phenotype of gray fur. Whi	eds with a black-furred rabbit and all of their offspring at does the gene for fur color in rabbits appear to be an
	rample of?	sent for fur color in rabbits appear to be an
	Codominance	C) Over dominance
	recomplete dominance	D) C-
	the ABO blood group system in	h humans, if a person of type-B blood has children with
20	a person of type-AB blood, what t	plood types could their children have?
	A) Type-AB, type-A, and type-B	C) Type-A and type-B
	Type-B and type-AB	1 1 1 Transmission
21	a gene for corn has two alleles.	D) Type-AB, type-A, type-B, and type-O one for yellow kernels and one for white kernels. Cross
21	pollination of yellow corn and	white corn white kernels. Cross
		eles?
	A) Incomplete dominance	C) Genetic recombination
	B) Over dominance	D) Codomina
22	In pea plants, purple flowers are	dominant to white day
etti i	plantes and and and	e of their offspring will be white flowered?
	M) 070	C) 25%
	B) 50%	D) 100%
.23	Based on what you have learned	about Mendel's experiments with pea plants, which of
	tile in	COLLECTI
	A) The allele for wrinkled seeds is re	ecessive to allele for smooth seeds
	b) white flowers and purple flowers	are determined by different alleles of the same gene
	c) The gene for willkied seeds is al	allele of the gene for purple seeds
	D) The alleles for smooth seeds and	purple flowers are dominant
Q.24	the allele for wide larger plants, t	he allele for tall stalks is dominant over short stalks and
	the affere for wide reaves is do	minant over thin leaves. What would be the best way to
	determine the genetype of a ba	riey plant with a tall stalk and wide leaves?
	B) Perform a testeross with a barley	y plant that has a short stalk and thin leaves
	C) Perform a testeross with a barle	y plant that has a tall stalk and wide leaves
	C) Perform a testcross with a know	n neterozygous barley plant
Q.25	If a homozygous rod flowered	y plant that has a tall stalk and thin leaves
	the offspring will be.	plant is crossed with a homozygous white flowered plant
	A)half white flowered	C)half and flavored
	B)all white flowered	C)half red flowered
Q.26		D)all red flowered
10	was not able to say any	thing about recombination and crossing over because.
	A)He did not have a large and stro     B)He chose only pure type	ing microscope
	C)Traits he chose were not listed	
	D) Traits he chose were not linked	and present on different chromosomes or were far apart
Q.27	D) Traits he chose had no genes Agglutination is:	
	A) Resolution of slat	C) Haemalusis
	B) Clumping of proci	C) Haemolysis D) None
		The state of the s

Q.28	If genotype of two traits is Gg BB, th	he possible gamers
Q.20	A) GB GB	D) Gb, gb, GB, gB  D) Gb, gb, GB, gB
	R) Co BB	D) Gb, gb, GB, gB  ooth expressed in a heterozygote are called:  C) Co-dominance  C) Co-dominance
0.00	Different alleles of a gene that are b	ooth expressed
Q.29	Different afferes of a gene	D) Over dominance
	A) Complete dominance	D) Over time:
	B) Incomplete dominatice	C) Gene pool
Q.30	B) Incomplete dominance     All the genes found in breeding population	D) Gene poor liberary.
	A) Population	D) Genome
	B) Genome Which trait in human is an example (	C) skin colour
Q.31	Which trait in numan is an energy	D) Rh-blood group
	A) Eye colour	D) Rh-blood group  le locus suppresses the effect of a gene at another
	B) ABO- blood group	e locus suppress
Q.32	When the presence of a golled:	C) Pleiotropy
	locus, the phenomenon is called:	C) Figitally
	A) Hypostasis	D) Epitropy
	B) Epistasis	D) Epitropy m in humans is represented by symbol: C) I
Q.33	The gene for ABO-blood g	C) I
	* \ V	11111
	B) Y In men sex-determination depends to	C) Homogametic female
Q.34	In men sex-determine	D) Homogametic male
	A) Heterogametic male	of another gene at another locus, the phenomenon is
	B) Heterogametic remesses the effect of	f another gene de la
Q.3	When a gene supple	C) Epistasis
	termed as:  A) Over-dominance	D) Co-dominance
	A) Over-dominates	D) Co-dominio
	B) Pleiotropy  Position of an allele within a DNA mo	C) Origin
Q.3	A) Locus	D) Filial
	ns Amplican	D) Filler
0.3	antigen contains.	C) Phospholipids
Q.3	A) Glycoprotein	D) Sphingomylin
		D) Spiningeria,
Q.3	ABO blood system is an example	C) Multiple genes
	A) Polygenes	D) Multiple mutation
100000000000000000000000000000000000000	B) Multiple alleles Which one of the following is X-linke	d trait?
Q.39	A) Male pattern baldness	
	R) Haemonhilia	D) Erythroblastosis foetalis
0.40	i i and by throp alle	les is:
Q.40	A) Human skin colour	
	B) Human eve colour	D) Human Rh factor
Q.41	· · · · · · · · · · · · · · · · · · ·	ation is called:
•	A) Gene pool	C) Allele pool
MINTA.	R) Conome	D) Genomic library
Q.42	Starting with a P generation w	with the following genotypes (AABB x aabB). Based
	on classical Mendellan inheritance, w	hat is the expected phenotypic ratio observed
	among the F2 progeny?	
1764	A) 9:3:3:1	C) 1:2:1
	B) 3:1	D) 1:1
Q.43		
	<ul> <li>A) It tests whether an unknown individua</li> </ul>	
	B) The test individual is crossed with a ho	omozygous recessive individual.
	<ul><li>C) If the test individual is heterozygous, t</li></ul>	the progeny will have a 1:1 ratio.
	D) If the test individual is homozygous, to	he progeny will have a 3:1 ratio.
Q.44	The ABO blood groups in humans are	determined by a multiple allelic system where
	IA and IB are co dominant and domin	ant to IO. A newborn infant is type A. The mother
	is type O. Possible genotypes of the f	ather are:
	A) A, B or AB	C) A, B or O
	B) O only	

-	TON AND GENETIC/ INHERITANCE	DO CONTRACTOR ENTRY							
45	this fact is described as law of.	GRIP ENTRY TEST BOOK SERIES  12,000+ Question Bank  C) Inheritance D) Segregation							
	A) Dominance	C's Presses itself Question Beries							
	B) Limiting factors	C) Inheritance							
	Foistatic effect in which the dihybrid cr	Oss o Segregation							
46	S.A)Interaction between two allele of the same 9:3:3:1 Aan								
	B) Dominance of one affele on another allele	a of the loci							
	A) Dollaring factors  B) Limiting factors  C) Inheritance  D) Segregation  Epistatic effect in which the dihybrid cross 9:3:3:1 AaBbxAaBa is modified  B) Dominance of one allele on another allele of the same loci  C) Inheritance  D) Segregation  Sometimen of the same loci  Epistatic effect in which the dihybrid cross 9:3:3:1 AaBbxAaBa is modified  Epistatic effect in which the dihybrid cross 9:3:3:1 AaBbxAaBa is modified  Epistatic effect in which the dihybrid cross 9:3:3:1 AaBbxAaBa is modified  Epistatic effect in which the dihybrid cross 9:3:3:1 AaBbxAaBa is modified  Epistatic effect in which the dihybrid cross 9:3:3:1 AaBbxAaBa is modified  Epistatic effect in which the dihybrid cross 9:3:3:1 AaBbxAaBa is modified  Epistatic effect in which the dihybrid cross 9:3:3:1 AaBbxAaBa is modified  Epistatic effect in which the dihybrid cross 9:3:3:1 AaBbxAaBa is modified  Epistatic effect in which the dihybrid cross 9:3:3:1 AaBbxAaBa is modified  Epistatic effect in which the dihybrid cross 9:3:3:1 AaBbxAaBa is modified  Epistatic effect in which the dihybrid cross 9:3:3:1 AaBbxAaBa is modified  Epistatic effect in which the dihybrid cross 9:3:3:1 AaBbxAaBa is modified  Epistatic effect in which the dihybrid cross 9:3:3:1 AaBbxAaBa is modified  Epistatic effect in which the dihybrid cross 9:3:3:1 AaBbxAaBa is modified  Epistatic effect in which the dihybrid cross 9:3:3:1 AaBbxAaBa is modified  Epistatic effect in which the dihybrid cross 9:3:3:1 AaBbxAaBa is modified  Epistatic effect in which the dihybrid cross 9:3:3:1 AaBbxAaBa is modified  Epistatic effect in which the dihybrid cross 9:3:3:1 AaBbxAaBa is modified  Epistatic effect in which the dihybrid cross 9:3:3:1 AaBbxAaBa is modified  Epistatic effect in which the dihybrid cross 9:3:3:1 AaBbxAaBa is modified  Epistatic effect in which the dihybrid cross 9:3:3:1 AaBbxAaBa is modified  Epistatic effect in which the dihybrid cross 9:3:3:1 AaBbxAaBa is modified  Epistatic effect in which the dihybrid cross 9:3:3:1 AaBbxAaBa is modified  Epistatic effect in whic								
	aminance of one differ on another	100							
	phenotype of an organism is the result	of both loci							
47	. Mutations and linkages	or.							
	o toplasmic effects and nutrition								
	Clenvironmental changes and sexual dime-	mb:							
	p)Genotype and environment interactions								
	A woman with normal vision but whose								
48	man suppose that the fourth child of the	Tather was colours							
	p)Genotype and environment interactions  A woman with normal vision but whose father was colour blind marries a colourblind marries a colourblind marries a colourblind since he is heterozygous for the colourblind mutant allele  by May be colourblind or may be of normal vision								
	B) Will be partially colourblind since he is to	Doy. This boy.							
	C) Must be colourblind	eterozygous for the col							
	D) May be colourblind or may be of normal	colourblind mutant allet							
10	Albinism is known to be due to an auto	Vision							
49	Albinism is known to be due to an autosomal recessive mutation. The first child of a second child will also be an albino.  C)25%  C)25%								
	second child will also be an albino	was an albino what is the							
	A)100%	that that							
	B)50%	C)25%							
-0	A cross used to ascertain whether a de	D)75%							
50	A) test cross	D)75% Ominant is homozygous or heterozygous is termed.							
	B) Back cross	C) Reciprocal							
51	The seeds taken by mendel in his dihyl	D) Linkage cross							
,,	A) Green round and yellow wrinkled	urid cross were.							
	B) Yellow round and green wrinkled	C) Red round and yellow wrinkled  D) None							
52	When mendel crossed a red flowered	D) None dominant with a white flowered recessive plant of							
34	F1 generation were.	iominant with a white flowered recessive plant of							
	A) All white flowered	Toccssive plant of							
	B) All red flowered	Contract of the second							
	C)75% white flowered and 25% red flower	ad plants							
	D)50% white flowered and 50% red flower	ed plants							
53	In a dihybrid cross four phenotypes fo	rm in the ration of a ration							
	A) Dominance of one phenotype in each pa	of contraction of 9:3:3;1 because of.							
	A) Dominance of one phenotype in each pair of contrasting traits  B) Independent assortment of the genes of contrasting traits								
	C)Gene crossing over	contrasting traits							
	D)Mixed effect of dominance and independ	ent assortment							
54	Secretors have dominant secretor ger								
	A) 7	C) 9							
	B) II	D)19							
55									
	Basic unit of biological information is	C) DNA							
	A) Gene B) Nucleotide	D) Codon							
56	Station in the state of the sta	AA and aa, the proportion of heterozygotes in the							
	5tarting with a cross between A	ta and aa, the property							
	F2 progeny will be	C)1/4							
	A) 1/8	D) All heterozygotes							
	B) 1/2	O) All liess The							
	The second secon								
	the state of the s								

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C	2.	_	11.	A	12.	D			6.	В	7.	C	8.	D
C	10.	D		-			13.	В	14.	В	15.	С	16.	_
D	18.	D	19.	В	20.	Α	21.	D	22.	D				D
_	26.	С	27.	В	28.	A	29.	C		_	23.	С	24.	A
D		A	35.	С	36.	A			30.	С	31.	В	32.	В
C	34.					^	37.	A	38.	В	39.	В	40.	С
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_	50.	A	51.	В	52.	В	53.	В	54.		_		48.	В
c		D	59.	С	60.	D	-	110.44			55.	A	56.	В
C	58.			2000			61.	D	62.	D	63.	C	64.	A
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